# COLOR TELEVISION

Chassis : KS9C(N)MI
Model : CL21M40MQGXXAO

# SERVICE Manual

## COLOR TELEVISION

## FEATURES

- Turbo Sound
- Sound Equalizer
- New Structure Design

CL-21M40MQ

This Service Manual is a property of Samsung Electronics Co.,Ltd.
Any unauthorized use of Manual can be punished under applicable International and/or domestic law.

© Samsung Electronics Co., Ltd. **Sep. 2006**
Printed in Korea
**AA82-03964A**

# Table of Contents


## Chapter 1 Precaution

- 1-1 Safety Precautions . . . . . 1-1
- 1-2 Servicing Precautions . . . . . 1-3
- 1-3 Static Electricity Precautions . . . . . 1-4
- 1-4 Installation Precautions . . . . . 1-5

## Chapter 2 Product Specification

- 2-1 Product Features . . . . . 2-1
- 2-2 Key Features . . . . . 2-2
- 2-3 Specifications Analysis . . . . . 2-3
- 2-4 Accessories . . . . . 2-4

## Chapter 3 Alignment & Adjustment

- 3-1 Service Instruction . . . . . 3-1
- 3-2 How to Access Service Mode . . . . . 3-2
- 3-3 Factory Data . . . . . 3-3
- 3-4 Service Adjustment . . . . . 3-6
- 3-5 Replacements & Calibration . . . . . 3-8

## Chapter 4 Exploded View & Part List

- 4-1 CL21M40MQGXXAO . . . . . 4-1

## Chapter 5 Electrical Part List

- 5-1 CL21M40MQGXXAO . . . . . 5-1

## Chapter 6 Troubleshooting

- 6-1 Checkpoints by Error Mode . . . . . 6-1
- 6-2 Troubleshooting Procedures by Error Modes . . . . . 6-2
- 6-3 Troubleshooting Procedures by ASS'Y . . . . . 6-3
- 6-4 Troubleshooting by Blocks . . . . . 6-5

## Chapter 7 Block Diagram

- 7-1 Overall Block Diagram . . . . . 7-1
- 7-2 Partial Block Diagram . . . . . 7-2

## Chapter 8 Wiring Diagram

- 8-1 Overall Wiring . . . . . 8-1
- 8-2 Pin Connection . . . . . 8-2

## Chapter 9 PCB Diagram


- 9-1 Main Board . . . . . 9-1
- 9-2 CRT Board . . . . . 9-3


## Chapter 10 Schematic Diagram


- 10-1 Power . . . . . 10-1
- 10-2 Micom . . . . . 10-2
- 10-3 Audio . . . . . 10-3
- 10-4 Side A/V & CRT Board . . . . . 10-4

# 3. Alignment & Adjustment

## 3-1 Service Instruction

1. General Adjustment :
   In general, a color TV can provide ideal visual quality by adjusting the basic settings such as the vertical size, horizontal size, focus, etc.
   Display a black and white picture on the screen to check if the picture is clearly displayed.
   If there are some 'spotted' points on the screen when displaying a black and white picture, degauss the screen using the degauss coil. If the spotted points remain, re-adjust the purity and the convergence. This completes the basic performance examination.

   Notice.
   - These adjustments and the check list are only applied to KS9C chassis-applied models.
   - use 110v for the measurement set. It is recommended using an insulation transformer when supplying power to the set so as to prevent shock to the set or to yourself.
   - These adjustment specifications have been created on the basis of the domestic KS9C chassis-applied remote control model. Some of the contents may be changed subject to the sales location and the product specifications.

2. When replacing the Main Board :
   Focus adjustment, screen voltage setting and W/B adjustment are all required.

3. When replacing the CRT Ass'y : No adjustments required.

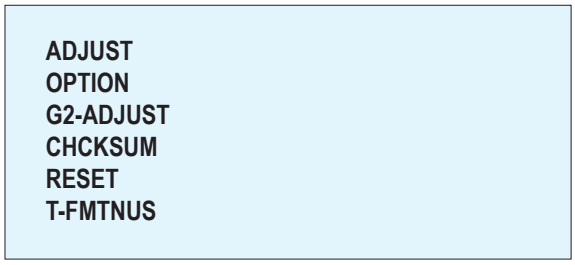
## 3-2 How to Access Service Mode

1. To enter Service Mode, press the keys on the remote control according to the following sequence. (in Stand-by status)

   Info → Menu →MUTE→ power On

   ※ When failing to enter Service Mode, repeat the procedure above.

2. The initial screen of Service Mode.




3. Functions of the Keys within Service Mode

| | |
|---|---|
| MENU | Show all menus |
| ▲ / ▼ | Move the cursor to select an item. |
| ◀ / ▶ | Adjust the selected configuration value |

## 3-3 Factory Data

★ The underlined are items applied during the service adjustment. None of the others should be adjusted.

1.T-FMTNUS

| No | Item | Adjust/Fix | Initial | Remark |
|---|---|---|---|---|
| 1 | HS | Adjust | 37 | |
| 2 | VA | Adjust | 34 | |
| 3 | VSL | Adjust | 30 | |
| 4 | VS | FIX | 31 | |
| 5 | AGC | Adjust | 33 | |
| 6 | CDL | FIX | 9 | |
| 7 | SCT | Adjust | 10 | |
| 8 | SBT | Adjust | 7 | |
| 9 | BLR | Adjust | 28 | |
| 10 | BLB | Adjust | 43 | |
| 11 | RG | Adjust | 30 | |
| 12 | GG | FIX | 32 | |
| 13 | BG | Adjust | 46 | |
| 14 | SC | FIX | 29 | |
| 15 | STT | FIX | 29 | |
| 16 | AKB | FIX | 0 | |
| 17 | NDL | FIX | 1 | |
| 18 | NSR | FIX | 5 | |
| 19 | VOL | FIX | 10 | |
| 20 | MVOL | FIX | 7 | |
| 21 | RPO0 | FIX | 1 | |
| 22 | RPO1 | FIX | 1 | |
| 23 | CAP | FIX | 12 | |
| 24 | FMWS | FIX | 0 | |
| 25 | AGCS | FIX | 1 | |
| 26 | OMD | FIX | 15 | |
| 27 | SCL | FIX | 3 | |
| 28 | PWL | FIX | 13 | |
| 29 | MUS | FIX | 1 | |
| 30 | SCBT | FIX | 40 | |
| 31 | SSP | FIX | 5 | |
| 32 | DNSR | FIX | 17 | |
| 33 | DSBT | FIX | 0 | |
| 34 | DCDL | FIX | 6 | |
| 35 | DBLR | FIX | 32 | |
| 36 | DBLB | FIX | 32 | |
| 37 | DSK | FIX | 0 | |

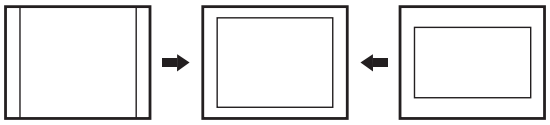
## 2.Option

| No | Item | Initial | 21"FLAT | Remark |
|---|---|---|---|---|
| 1 | Video Mute | Off | Off | Video Mute time between the Channel changes |
| 2 | Audio | STEREO | STEREO | Audio MONO/STEREO Option |
| 3 | 2ND SIF | EXTERNAL | EXYERNAL | SIF Option |
| 4 | Auto Power | Off | Off | Turns on automatically when the Master Power is turned ON |
| 5 | Audio Mute | On | On | Mutes the Audio when the there is no source signal |
| 6 | Start Language | English | English | Preset OSD (On-Screen Display) laguage at time of purchase |
| 7 | Hotel Mode | Off | Off | |
| 8 | Blue Screen | On | On | Blue Screen when there is no source signal |
| 9 | V-Chip | Off | Off | |
| 10 | AV Option | AV1/2/DVD/SV | AV1/2/DVD | Back Jack Option |
| 11 | AFN | Off | Off | |

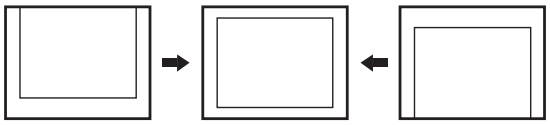
## 3.White Balance

| No | Item | 21"FLAT | Remark |
|---|---|---|---|
| 1 | Hight Light | 275/265/45FL | |
| 2 | Low Light | 275/265/1.5FL | |

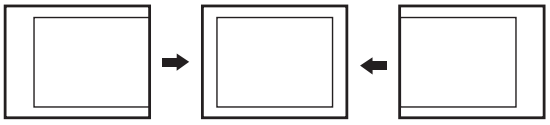
0 V-AMP



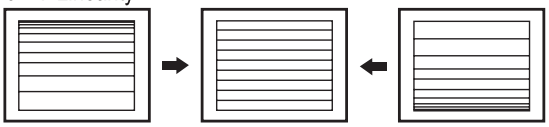
1 V-Shift



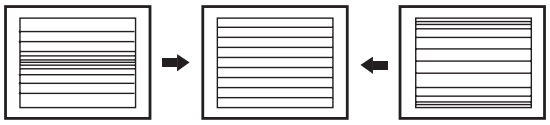
2 H-Shift



3 V-Linearity



4 V SC

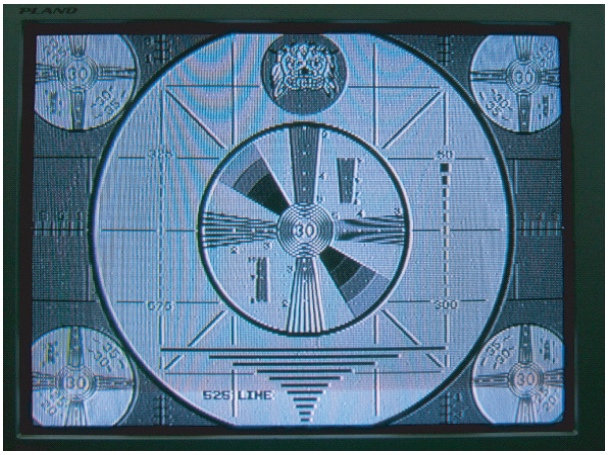


# 3-4 Service Adjustment

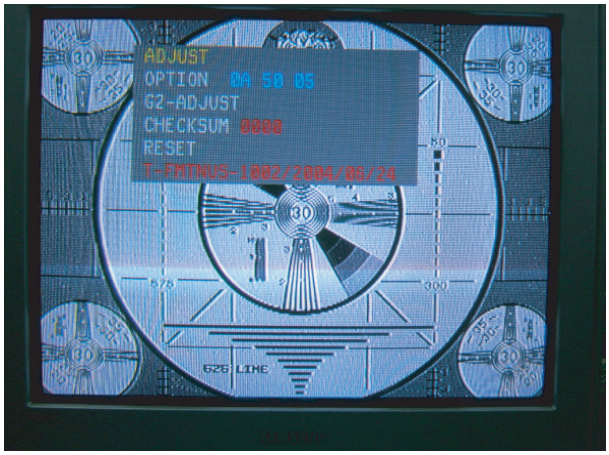
## 3-4-1 Adjusting the Picture Size

■ Since the KS9C chassis has the deflection settings data within the Factory Data, the picture size has to be adjusted when replacing Main Board, according to the following procedures.

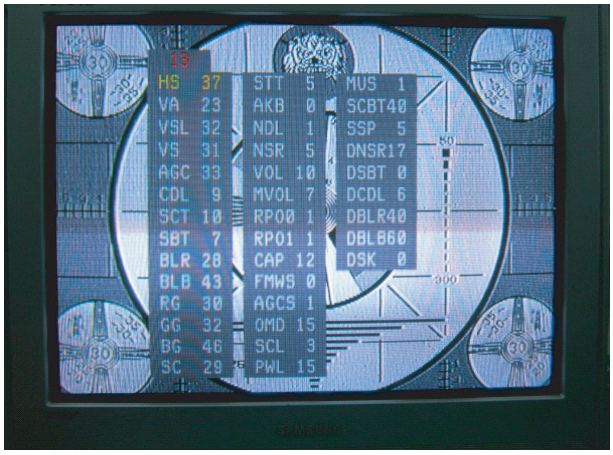
① Display the Lion pattern.



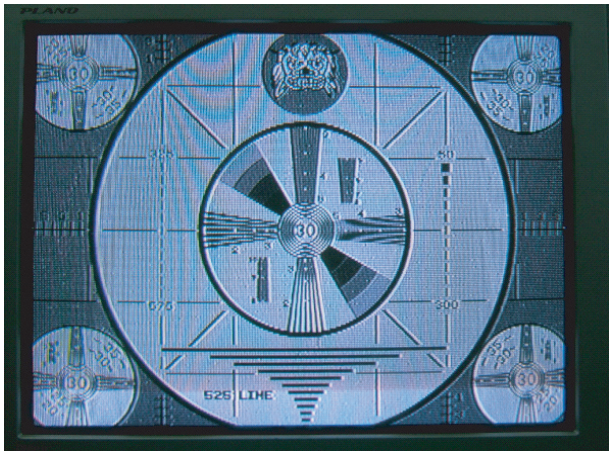

② Press "Power Off →MUTE→1→8→2→Power On " using the remote control and enter Factory Mode.




③ Enter Deflection Mode.

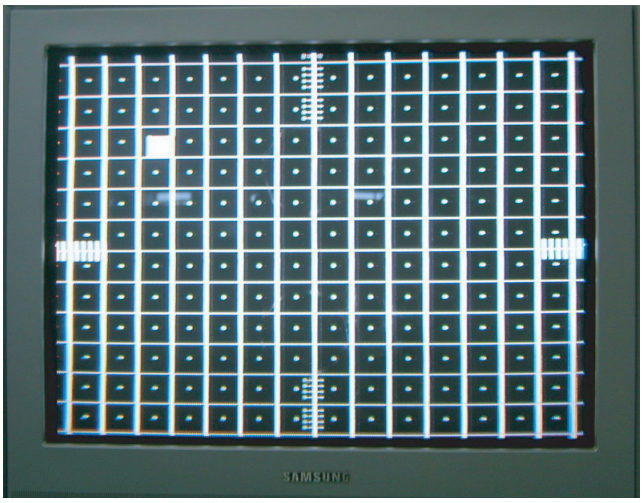



④ Adjust the VA, VS,VSL and HS items so that the width becomes 5 and the height becomes 4.



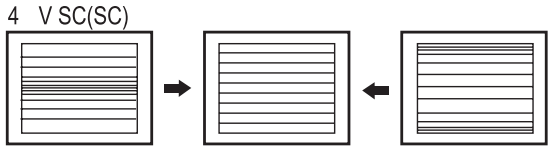
## 3-4-2 Adjusting the Picture Straight Lines

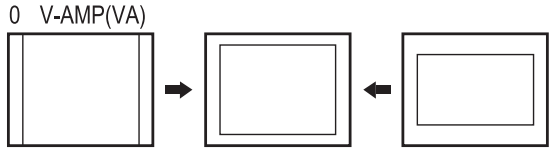
① Display the Cross Hatch pattern.



② Adjust settings other than VA,VH and HS so that straight lines are displayed without curves.

③ Adjust the V-Linearity and V-SC settings so that the intervals of the horizontal lines become uniform.




④ When the adjustments are complete, display the Lion pattern and check that the picture size has not been changed. If there is no change, finish the adjustments.

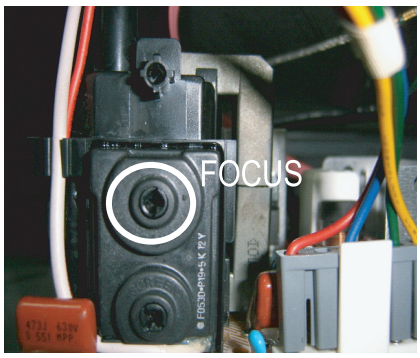
# 3-5 Replacements & Calibration

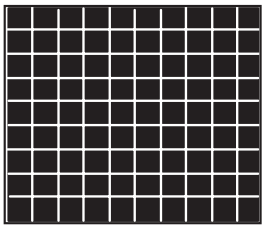
## 3-5-1 Adjusting the Focus

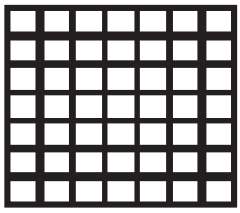
1. Display the CROSS Hatch pattern.

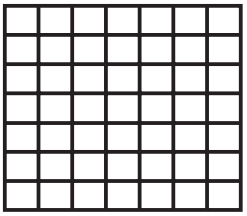
2. Turn the Focus clockwise to the optimal position.

3. Slowly turn the Focus clockwise so that the cross line is the most clearly displayed.







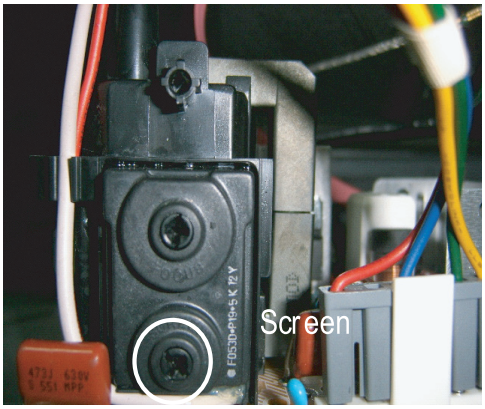
## 3-5-2 Adjusting the Screen Voltage

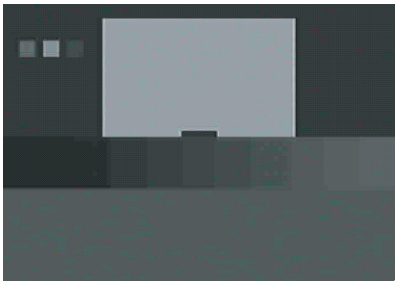
1. Select  "Power Off →MUTE→1→8→2→Power On " to enter Service Mode.

2. Turn to toshiba pattern

3. Use remocon come into " G2 Adjust" mode by hand or automatically.

4. Turn Screen VR of FBT and confirm the characters below changed to GREEN.



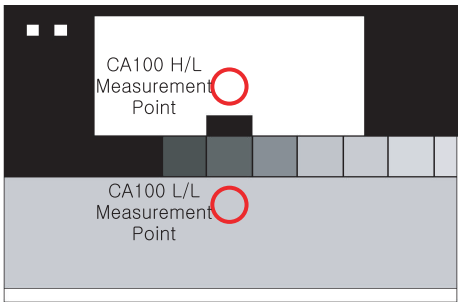
## 3-5-3 Adjusting the White Balance

1. Initialize all settings to the values appropriate to the corresponding model.

2. Select "Power Off → Mute →1 →8 →2 →Power On" to enter Service Mode.

3. Initialize all settings to the values appropriate to the corresponding model.

4. Display the Toshiba pattern and adjust the White Balance using CA100 with the coordinates of the corresponding model.



[CA100]

5. Enter Video Adjust1 of Service Mode. Adjust Low/Light.
   - Adjust Sub Bright to set Y.
   - Adjust B Cutoff to set y.
   - Adjust R Cutoff to set x.

6. Enter Video Adjust1 of Service Mode. Adjust High/Light.
   - Adjust Sub Contrast to set Y.
   - Adjust B Drive to set y.
   - Adjust R Drive to set x.

7. Check Low/Light and readjust it if its value has been changed.

8. If you have readjusted Low/Light, readjust High/Light until the two values are identical to the coordinates of the corresponding model.

※ White Balance Standard Data

| No | Item | TSE | | Required Adjustment |
|---|---|---|---|---|
| | | 21"SDI AK | | |
| 1 | White Balance | High: x : 275<br>y : 265<br>Y : 45FL | Low: x : 275<br>y : 265<br>Y : 1.5FL | White Balance<br>(Standardization Applied) |

## 3-5-4 Check List for the Screen Voltage and White Balance Adjustment

1. The Screen Voltage and White Balance are connected each other, and both of them have to be configured to the correct values.

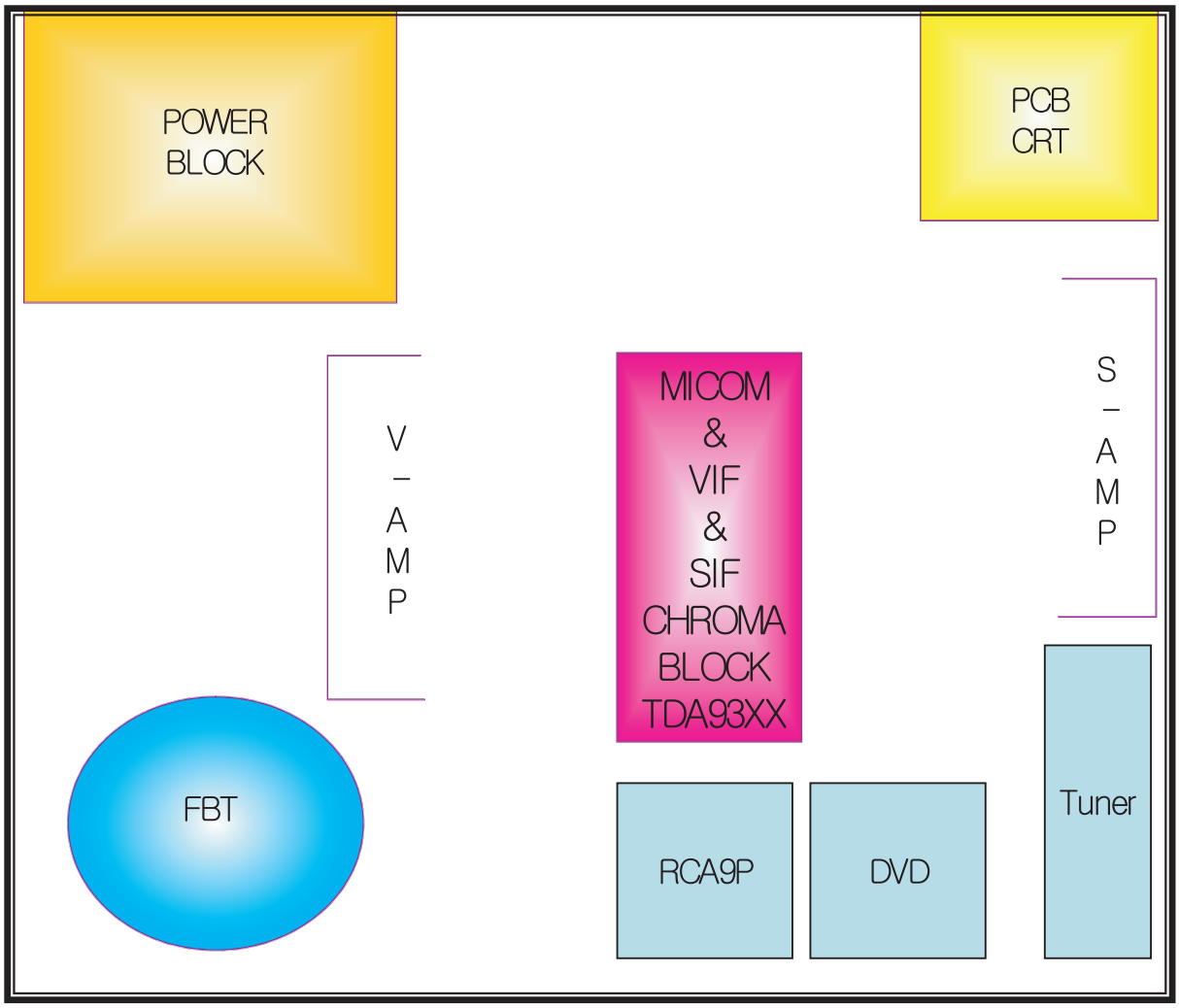
2. Adjust the White Balance after the Screen Voltage was adjusted, and check if the Screen Voltage is normal after adjusting the White Balance.

3. If the White Balance is readjusted, check the Screen Voltage again.

4. When the adjustment is finished, check the following checklist.
   - If there is a spot on the screen when turning the TV set off/on, adjust the Screen Voltage again.
   - If there is a ghost line on the screen, adjust the Screen Voltage again.

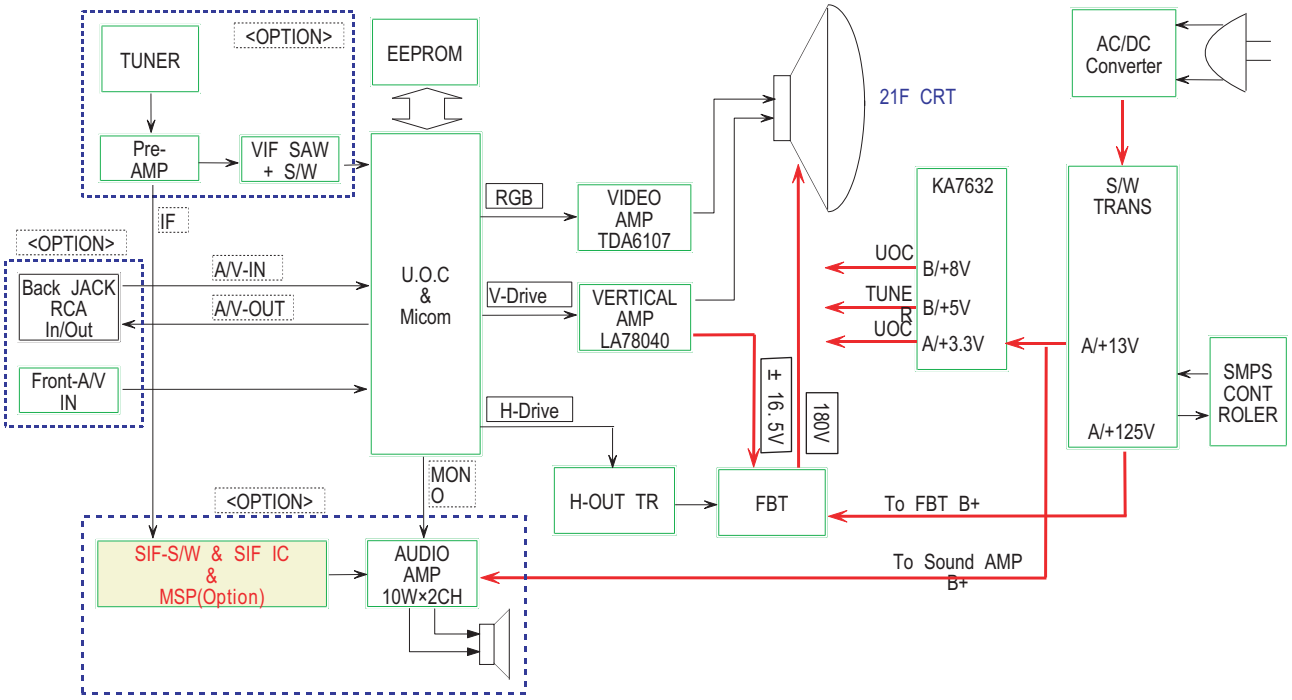
# 7. Block Diagram

## 7-1 Overall Block Diagram



# 7-2 Partial Block Diagram

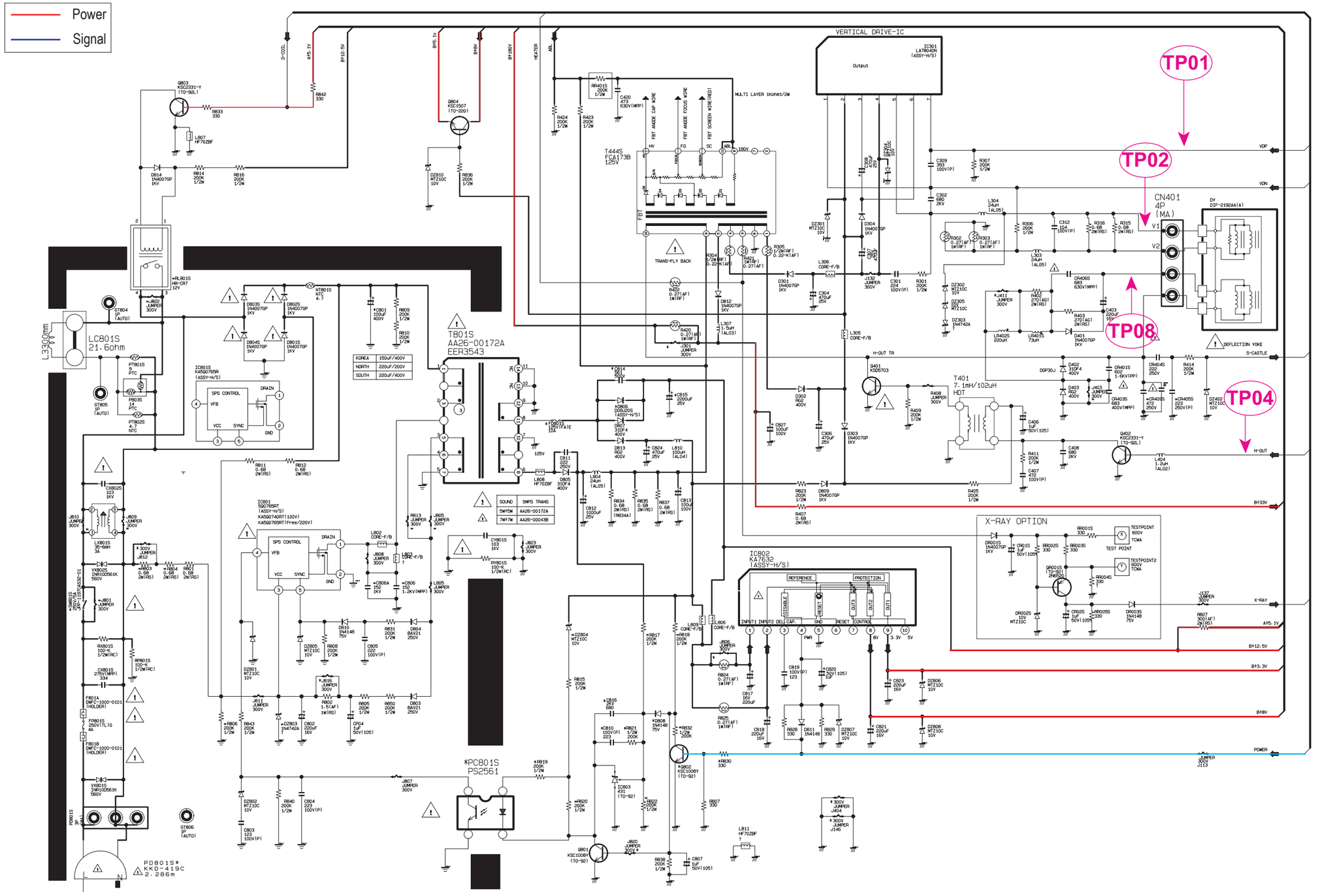
## 7-2-1 System Board Block Diagram

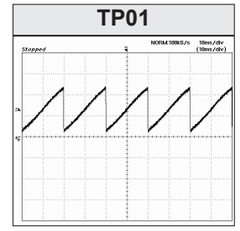


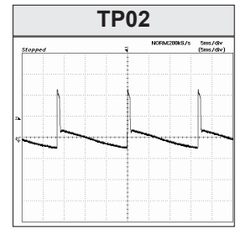
# 10. Schematic Diagram

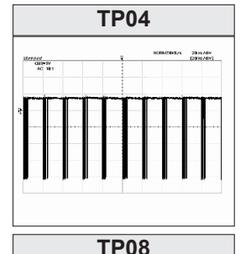
## 10-1 Power

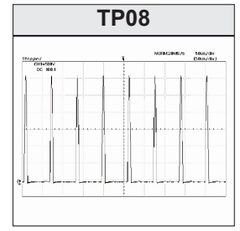
This Document can not be used without Samsung's authorization.



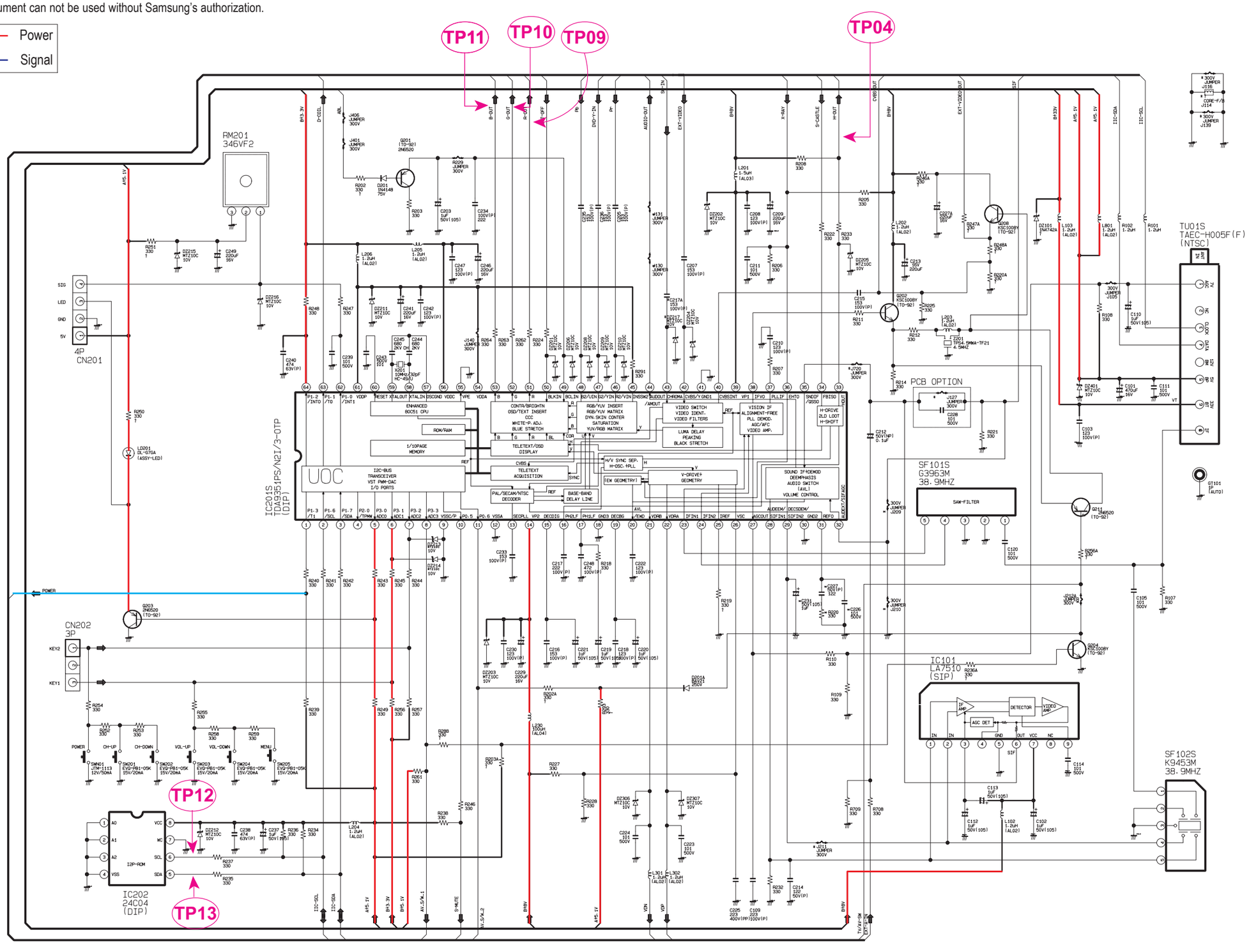



# 10-2 Micom

This Document can not be used without Samsung's authorization.

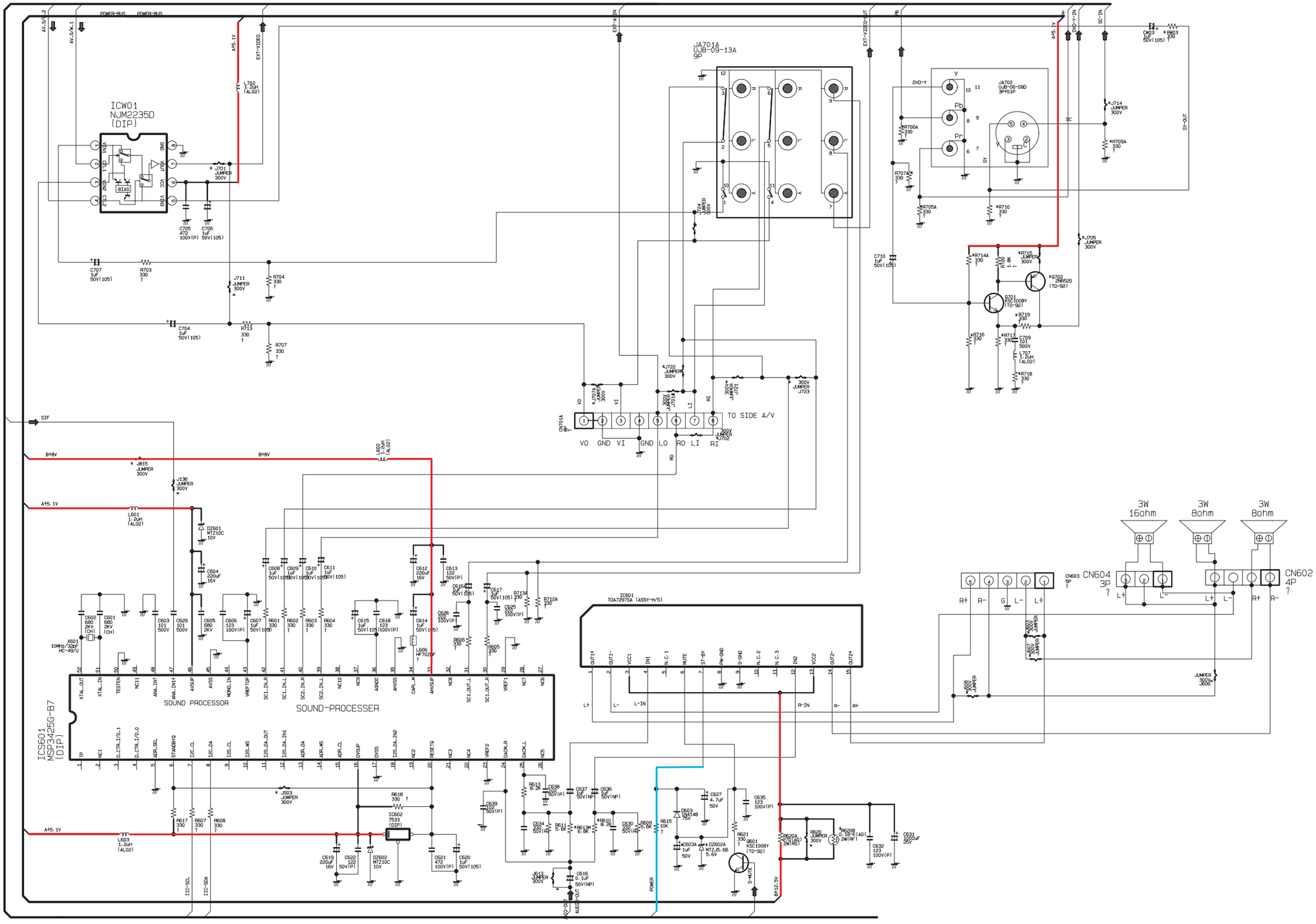
Power
Signal


TP11
TP10
TP09
TP04
TP12
TP13
RM201
346VF2
4P
CN201
LD201
DL-570A
(ASSY-LED)
CN202
3P
KEY2
KEY1
POWER
CH-UP
CH-DOWN
VOL-UP
VOL-DOWN
MENU
SW201
EVQ-PB1-05K
SW202
EVQ-PB1-05K
SW203
EVQ-PB1-05K
SW204
EVQ-PB1-05K
SW205
EVQ-PB1-05K
IC202
24C04
(DIP)
I2P-ROM
IC201S
TDA9351PS/N2I/3-OTP
(DIP)
UOC
I2C-BUS
TRANSCEIVER
VST PWM-DAC
I/O PORTS
ENHANCED
80C51 CPU
ROM/RAM
1/10PAGE
MEMORY
TELETEXT/OSD
DISPLAY
TELETEXT
ACQUISITION
PAL/SECAM/NTSC
DECODER
BASE-BAND
DELAY LINE
CONTR/BRIGHTN
OSD/TEXT INSERT
CCC
WHITE-P. ADJ.
BLUE STRETCH
RGB/YUV INSERT
RGB/YUV MATRIX
DYN. SKIN CONTER
SATURATION
YUV/RGB MATRIX
VIDEO SWITCH
VIDEO IDENT.
VIDEO FILTERS
LUMA DELAY
PEAKING
BLACK STRETCH
VISION IF
ALIGNMENT-FREE
PLL DEMOD.
AGC/AFC
VIDEO AMP.
H-DRIVE
CLD LOUT
H-SHIFT
H/V SYNC SEP.
H-OSC. +PLL
V-DRIVE+
GEOMETRY
SOUND IFDEMOD
DEEMPHASIS
AUDIO SWITCH
(AVL)
VOLUME CONTROL
PCB OPTION
SF101S
G3963M
38.9MHZ
SAW-FILTER
IC101
LA7510
(SIP)
DETECTOR
AGC DET
SF102S
K9453M
38.9MHZ
TU01S
TAEC-H005F(F)
(NTSC)
GT101
IP
(AUTO)
CORE-F/B
J114
J139
J105
J127
J209
J210
J120
J201
J202
J203
J720
J131
J130
J140
J141
J406
J401
J211
J212
J213
J214
J215
J216
J217
J218
J219
J220
J221
J222
J223
J224
J225
J226
J227
J228
J229
J230
J231
J232
J233
J234
J235
J236
J237
J238
J239
J240
J241
J242
J243
J244
J245
J246
J247
J248
J249
J250

# 10-3 Audio

This Document can not be used without Samsung's authorization.

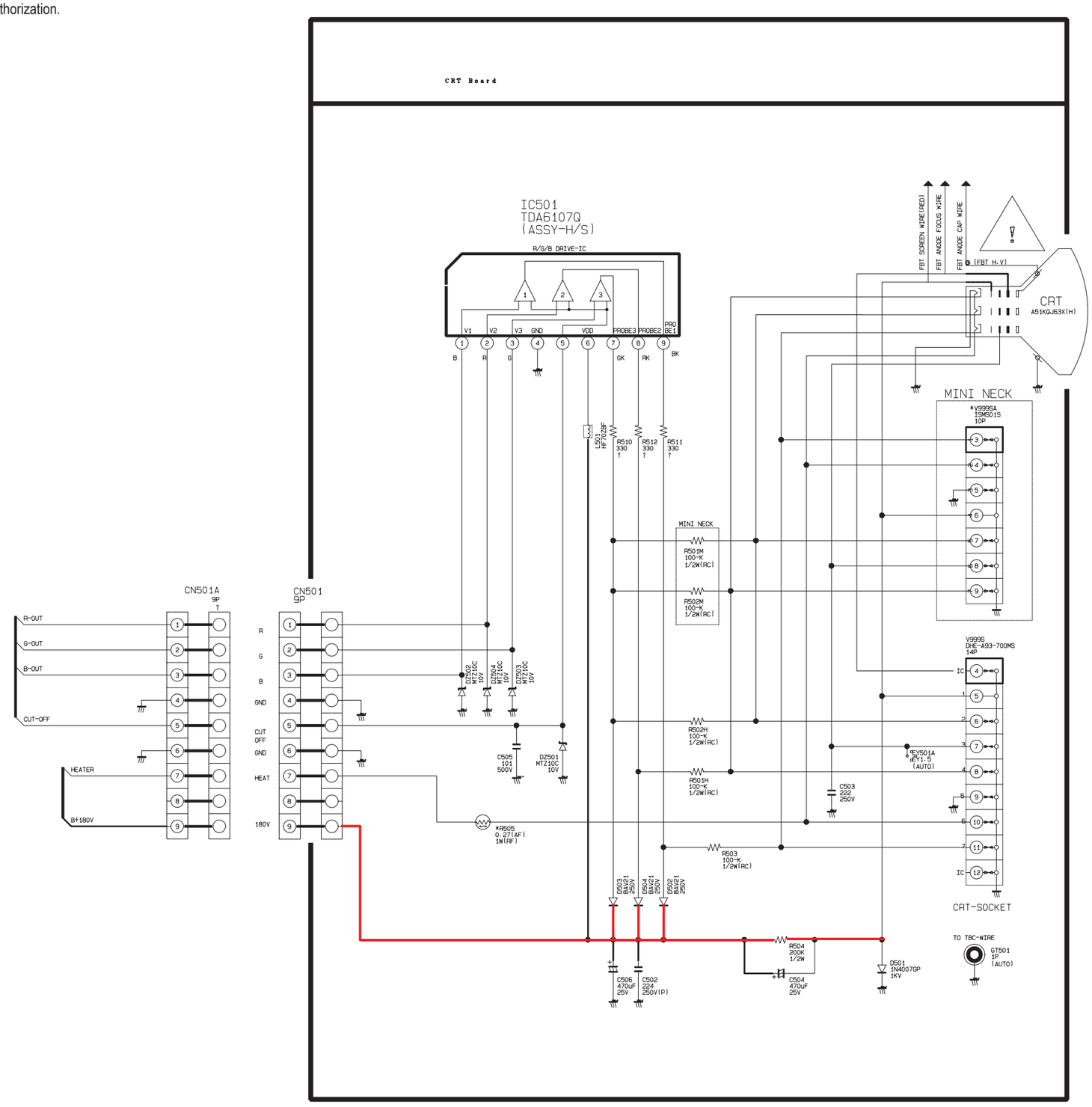
Power
Signal



# 10-4 Side A/V & CRT Board

This Document can not be used without Samsung's authorization.

Power
Signal



# 5. Electrical Part List

## 5-1 CL21M40MQGNXAP

You can search for the updated part code through ITSELF web site.
URL:http://itself.sec.samsung.co.kr

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| | | **ASSY CHASSIS** | | | | |
| M0017 | AA91-10551A | ASSY CHASSIS | CL21M40MQGXGSU,MI,KS9C | 1 | S.N.A | |
| T0091 | AA94-16015A | ASSY PCB MISC-SIDE A/V | KS9C,NTSC,RAY | 1 | S.A | |
| CA01 | 2202-000127 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,25V,Y5V | 1 | S.A | |
| CA02 | 2202-000127 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,25V,Y5V | 1 | S.A | |
| CA03 | 2401-002009 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | 1 | S.A | |
| CA04 | 2401-002009 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | 1 | S.A | |
| JA330 | 3722-001061 | JACK-PHONE | 1P,3.6PI,AG,BLK,N | 1 | S.A | |
| JA333 | 3722-001164 | JACK-PIN | 3P,SN,WH:YE:RE,STRAIGHT | 1 | S.A | |
| LA01 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| LA02 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| PCB | AA41-01178A | PCB SUB | CS21Z30,FR-1,1,A,1.6,245*245*1.6 | 1 | S.N.A | |
| RA01 | 2001-000028 | R-CARBON(S) | 100OHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| RA02 | 2001-000028 | R-CARBON(S) | 100OHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| T0054 | AA97-16802A | ASSY AUTO-SIDE A/V | KS9C,NTSC,RAY | 1 | S.N.A | |
| T0245 | 0202-001492 | SOLDER-WIRE FLUX | HSE-02 LFM48 SR-34 S,-, | 0.003 | S.N.A | |
| T0245 | AA39-20068E | LEAD CONNECTOR-ASSY | ,8P,500,YBNH025-08,6 | 1 | S.A | |
| T0245 | AA39-20069C | LEAD CONNECTOR-ASSY | ,5P,400,YBNH025-05,6 | 1 | S.A | |
| M0014 | AA94-16031A | ASSY PCB MAIN | CL21M40MQGXGSU,MI,KS9C | 1 | S.A | |
| C101 | 2401-002594 | C-AL | 220uF,20%,16V,GP,TP,8x11.5,5 | 1 | S.A | |
| C102 | 2401-003036 | C-AL | 100uF,20%,16V,GP,TP,5X11mm,5mm | 1 | S.A | |
| C103 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C105 | 2202-000127 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,25V,Y5V | 1 | S.A | |
| C109 | 2301-000016 | C-FILM,LEAD-PEF | 22nF,5%,100V,TP,7.2x4.5x | 1 | S.A | |
| C110 | 2401-000962 | C-AL | 22uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C111 | 2202-000127 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,25V,Y5V | 1 | S.A | |
| C112 | 2401-003900 | C-AL | 0.47UF,20%,50V,HR,TP,5*11,5 | 1 | S.A | |
| C113 | 2401-003900 | C-AL | 0.47UF,20%,50V,HR,TP,5*11,5 | 1 | S.A | |
| C114 | 2202-000286 | C-CERAMIC,MLC-AXIAL | 56pF,5%,50V,SL,TP,1. | 1 | S.A | |
| C120 | 2202-000127 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,25V,Y5V | 1 | S.A | |
| C203 | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C205 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C207 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C208 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C209 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C210 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C211 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C213 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C215 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C216 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C217 | 2301-000004 | C-FILM,LEAD-PEF | 2.2nF,5%,100V,TP,5.5X10X | 1 | S.A | |
| C217A | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C218 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C219 | 2401-000603 | C-AL | 1UF,20%,50V,GP,TP,5X11,2 | 1 | S.A | |
| C220 | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C222 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C223 | 2202-000796 | C-CERAMIC,MLC-AXIAL | 1NF,10%,50V,Y5P,TP,3 | 1 | S.A | |
| C224 | 2202-000796 | C-CERAMIC,MLC-AXIAL | 1NF,10%,50V,Y5P,TP,3 | 1 | S.A | |
| C225 | 2301-001664 | C-FILM,LEAD-OTHER | 100nF,3%,50V,TP,20x16x | 1 | S.A | |
| C227A | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C229 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C230 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C233 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C234 | 2301-000004 | C-FILM,LEAD-PEF | 2.2nF,5%,100V,TP,5.5X10X | 1 | S.A | |
| C235 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C236 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C237 | 2401-002619 | C-AL | 47uF,20%,25V,GP,TP,5x11,5 | 1 | S.A | |
| C238 | 2305-000412 | C-FILM,LEAD-PEF | 470nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C239 | 2202-000796 | C-CERAMIC,MLC-AXIAL | 1NF,10%,50V,Y5P,TP,3 | 1 | S.A | |
| C240 | 2305-000412 | C-FILM,LEAD-PEF | 470nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C241 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C242 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| C243 | 2202-000127 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,25V,Y5V | 1 | S.A | |
| C244 | 2201-000573 | C-CERAMIC,DISC | 0.047NF,5%,50V,C0G,TP,5X3 | 1 | S.A | |
| C245 | 2201-000573 | C-CERAMIC,DISC | 0.047NF,5%,50V,C0G,TP,5X3 | 1 | S.A | |
| C246 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C247 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C248 | 2301-000013 | C-FILM,LEAD-PEF | 4.7nF,5%,100V,TP,10.5x12 | 1 | S.A | |
| C249 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C301 | 2305-000285 | C-FILM,LEAD-PEF | 220NF,5%,100V,TP,10.5X5. | 1 | S.A | |
| C302 | 2201-000259 | C-CERAMIC,DISC | 0.18NF,10%,500V,Y5P,TP,5. | 1 | S.A | |
| C304 | 2401-001838 | C-AL | 470uF,20%,25V,WT,TP,10x16,5 | 1 | S.A | |
| C306 | 2401-002288 | C-AL | 470uF,20%,25V,WT,TP,10x20,5 | 1 | S.A | |
| C307 | 2401-000365 | C-AL | 100uF,20%,50V,WT,TP,10x12.5mm, | 1 | S.A | |
| C308 | 2401-000365 | C-AL | 100uF,20%,50V,WT,TP,10x12.5mm, | 1 | S.A | |
| C309 | 2301-000253 | C-FILM,LEAD-PEF | 39NF,5%,100V,TP,7.5X4.5X | 1 | S.A | |
| C312 | 2305-000149 | C-FILM,LEAD-PEF | 100nF,5%,100V,TP,12x12.5 | 1 | S.A | |
| C403 | 2401-000625 | C-AL | 2.2uF,20%,160V,GP,TP,6.3x11,5 | 1 | S.A | |
| C406 | 2401-002619 | C-AL | 47uF,20%,25V,GP,TP,5x11,5 | 1 | S.A | |
| C407 | 2301-000148 | C-FILM,LEAD-PEF | 10nF,5%,100V,TP,7x3.2x7m | 1 | S.A | |
| C408 | 2201-000599 | C-CERAMIC,DISC | 0.56NF,10%,500V,Y5P,TP,5. | 1 | S.A | |
| C420 | 2301-001065 | C-FILM,LEAD-PPF | 47nF,5%,630V,TP,19x15.5x | 1 | S.A | |
| C502 | 2301-000213 | C-FILM,LEAD-PEF | 220nF,5%,250V,TP,21.5x11 | 1 | S.A | |
| C503 | 2201-000723 | C-CERAMIC,DISC | 4.7NF,20%,3KV,Y5U,TP,16X5 | 1 | S.A | |
| C504 | 2401-001232 | C-AL | 4.7uF,20%,250V,GP,TP,10x12.5,5 | 1 | S.A | |
| C505 | 2202-000825 | C-CERAMIC,MLC-AXIAL | 680pF,10%,50V,Y5P,TP | 1 | S.A | |
| C506 | 2401-000430 | C-AL | 10uF,20%,250V,GP,TP,10x16mm,5m | 1 | S.A | |
| C601 | 2201-000304 | C-CERAMIC,DISC | 0.0010nF,0.25pF,50V,C0G,- | 1 | S.A | |
| C602 | 2201-000304 | C-CERAMIC,DISC | 0.0010nF,0.25pF,50V,C0G,- | 1 | S.A | |
| C603 | 2202-000286 | C-CERAMIC,MLC-AXIAL | 56pF,5%,50V,SL,TP,1. | 1 | S.A | |
| C603A | 2401-001026 | C-AL | 3.3UF,20%,50V,GP,TP,5X11,5 | 1 | S.A | |
| C604 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C605 | 2201-000017 | C-CERAMIC,DISC | 1nF,10%,50V,Y5P,-,5x3.5mm | 1 | S.A | |
| C606 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C607 | 2401-000493 | C-AL | 10uF,20%,50V,LZ,TP,5x11mm,5mm | 1 | S.A | |
| C608 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C609 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C610 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C611 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C612 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C613 | 2301-000108 | C-FILM,LEAD-PEF | 1.5nF,5%,50V,TP,6.5x3.0x | 1 | S.A | |
| C614 | 2401-000620 | C-AL | 2.2uF,10%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C615 | 2401-001026 | C-AL | 3.3UF,20%,50V,GP,TP,5X11,5 | 1 | S.A | |
| C616A | 2401-000493 | C-AL | 10uF,20%,50V,LZ,TP,5x11mm,5mm | 1 | S.A | |
| C617 | 2401-000493 | C-AL | 10uF,20%,50V,LZ,TP,5x11mm,5mm | 1 | S.A | |
| C618 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C619 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C620 | 2401-001026 | C-AL | 3.3UF,20%,50V,GP,TP,5X11,5 | 1 | S.A | |
| C621 | 2301-000148 | C-FILM,LEAD-PEF | 10nF,5%,100V,TP,7x3.2x7m | 1 | S.A | |
| C622 | 2301-000108 | C-FILM,LEAD-PEF | 1.5nF,5%,50V,TP,6.5x3.0x | 1 | S.A | |
| C625 | 2301-000519 | C-FILM,LEAD-PEF | 3.3nF,5%,100V,TP,5.8x3x1 | 1 | S.A | |
| C626 | 2301-000519 | C-FILM,LEAD-PEF | 3.3nF,5%,100V,TP,5.8x3x1 | 1 | S.A | |
| C627 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C629 | 2202-000286 | C-CERAMIC,MLC-AXIAL | 56pF,5%,50V,SL,TP,1. | 1 | S.A | |
| C630 | 2301-000232 | C-FILM,LEAD-PEF | 3.3nF,5%,50V,TP,8.1x4.5x | 1 | S.A | |
| C631 | 2401-003139 | C-AL | 1000uF,20%,25V,WT,TP,10*20,5mm | 1 | S.A | |
| C632 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C634 | 2301-000232 | C-FILM,LEAD-PEF | 3.3nF,5%,50V,TP,8.1x4.5x | 1 | S.A | |
| C635 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| C636 | 2401-001914 | C-AL | 1uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C637 | 2401-001914 | C-AL | 1uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C638 | 2301-000192 | C-FILM,LEAD-PEF | 1nF,5%,50V,TP,5.3x10mm,5 | 1 | S.A | |
| C639 | 2301-000192 | C-FILM,LEAD-PEF | 1nF,5%,50V,TP,5.3x10mm,5 | 1 | S.A | |
| C704 | 2401-000758 | C-AL | 0.22UF,20%,50V,GP,TP,5X11,5 | 1 | S.A | |
| C705 | 2301-000148 | C-FILM,LEAD-PEF | 10nF,5%,100V,TP,7x3.2x7m | 1 | S.A | |
| C706 | 2401-002619 | C-AL | 47uF,20%,25V,GP,TP,5x11,5 | 1 | S.A | |
| C707 | 2401-000758 | C-AL | 0.22UF,20%,50V,GP,TP,5X11,5 | 1 | S.A | |
| C709 | 2202-000806 | C-CERAMIC,MLC-AXIAL | 220pF,10%,50V,Y5P,TP | 1 | S.A | |
| C710 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C801 | 2401-000534 | C-AL | 150uF,20%,400V,GP,BK,25x30,10 | 1 | S.A | |
| C802 | 2401-000015 | C-AL | 33uF,20%,50V,WT,-,6.3x11mm,2.5 | 1 | S.A | |
| C803 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C804 | 2301-000016 | C-FILM,LEAD-PEF | 22nF,5%,100V,TP,7.2x4.5x | 1 | S.A | |
| C805 | 2301-000408 | C-FILM,LEAD-PEF | 2.7nF,5%,50V,TP,5.5x7x3m | 1 | S.A | |
| C806 | 2301-001435 | C-FILM,LEAD-PPF | 1.5nF,5%,1.2kV,TP,15x8x1 | 1 | S.A | |
| C810 | 2301-000016 | C-FILM,LEAD-PEF | 22nF,5%,100V,TP,7.2x4.5x | 1 | S.A | |
| C811 | 2201-000991 | C-CERAMIC,DISC | 0.56NF,10%,2KV,Y5P,TP,7.5 | 1 | S.A | |
| C812 | 2401-000262 | C-AL | 100uF,20%,160V,HR,TP,16x25,7.5 | 1 | S.A | |
| C813 | 2401-002290 | C-AL | 47uF,20%,160V,GP,TP,13x20,5 | 1 | S.A | |

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| C814 | 2201-000599 | C-CERAMIC,DISC | 0.56NF,10%,500V,Y5P,TP,5. | 1 | S.A | |
| C815 | 2401-002458 | C-AL | 1000uF,20%,35V,GP,TP,16x25,7.5 | 1 | S.A | |
| C816 | 2201-000375 | C-CERAMIC,DISC | 0.22NF,5%,50V,RH,TP,12.5X | 1 | S.A | |
| C817 | 2401-003028 | C-AL | 100uF,20%,25V,WT,TP,6.3x11,5 | 1 | S.A | |
| C818 | 2401-003028 | C-AL | 100uF,20%,25V,WT,TP,6.3x11,5 | 1 | S.A | |
| C819 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C820 | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C821 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C823 | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C824 | 2401-001998 | C-AL | 1000uF,20%,25V,GP,TP,10x20,5mm | 1 | S.A | |
| C827 | 2401-000927 | C-AL | 22uF,20%,250V,GP,TP,13x20,5 | 1 | S.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.1 | S.N.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.1 | S.N.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.2 | S.N.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.1 | S.N.A | |
| CIS3 | AA40-00016A | TUNER | TDQ-6F/13F2S,NTSC,181CH,45.75MHZ,71 | | S.A | |
| CN330 | 3711-002644 | HEADER-BOARD TO CABLE | BOX,5P,1R,2.5mm,ST | 1 | S.A | |
| CN330 | 3711-002647 | HEADER-BOARD TO CABLE | BOX,8P,1R,2.5mm,ST | 1 | S.A | |
| CN330 | 3711-003043 | HEADER-BOARD TO CABLE | BOX,4P,1R,2.5MM,ST | 1 | S.A | |
| CN401 | AA60-40012F | PIN-GT | 4P,2.36PI,6/12/14mm,NYLON66,LOCKI | 1 | S.N.A | |
| CN909 | AA37-00001A | CONNECTOR-FBT FIX PIN | JM-3500,CPTTV,0.36 | 1 | S.A | |
| CN909 | AA37-00001A | CONNECTOR-FBT FIX PIN | JM-3500,CPTTV,0.36 | 1 | S.A | |
| ⚠ CR401S | 2303-000282 | C-FILM,LEAD-PPF | 6nF,5%,1.6KV,TP,29*23*8. | 1 | S.A | |
| ⚠ CR403S | 2301-001401 | C-FILM,LEAD-PPF | 27nF,5%,630V,TP,19x11x17 | 1 | S.A | |
| ⚠ CR404S | 2201-000639 | C-CERAMIC,DISC | 0.68NF,10%,2KV,Y5P,TP,9X5 | 1 | S.A | |
| ⚠ CR405S | 2305-000382 | C-FILM,LEAD-PEF | 4.7nF,5%,400V,TP,-,5mm | 1 | S.A | |
| ⚠ CR406S | 2306-000179 | C-FILM,LEAD-PPF | 300nF,5%,250V,TP,20x18.5 | 1 | S.A | |
| CR409 | 2201-000639 | C-CERAMIC,DISC | 0.68NF,10%,2KV,Y5P,TP,9X5 | 1 | S.A | |
| CW03 | 2401-000603 | C-AL | 1UF,20%,50V,GP,TP,5X11,2 | 1 | S.A | |
| ⚠ CY801S | 2201-000446 | C-CERAMIC,DISC | 3.3NF,20%,400V,Y5U,BK,15X | 1 | S.A | |
| D201 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D201A | 0404-000156 | DIODE-SCHOTTKY | RB441Q,40V,350MA,DO-34,TP | 1 | S.A | |
| D301 | 0402-001105 | DIODE-RECTIFIER | ERB43-04SV1,400V,1A,TS-1 | 1 | S.A | |
| D302 | 0402-000534 | DIODE-RECTIFIER | RG10V,400V,1.2A,DO-201,T | 1 | S.A | |
| D303 | 0402-000132 | DIODE-RECTIFIER | 1N4004,400V,1A,DO-41,TP | 1 | S.A | |
| D304 | 0402-001105 | DIODE-RECTIFIER | ERB43-04SV1,400V,1A,TS-1 | 1 | S.A | |
| D401 | 0402-001105 | DIODE-RECTIFIER | ERB43-04SV1,400V,1A,TS-1 | 1 | S.A | |
| D402 | 0402-001599 | DIODE-RECTIFIER | DGP30L,1500,3A,DO-201AD( | 1 | S.A | |
| D403 | 0402-000540 | DIODE-RECTIFIER | RU20A,600V,1.5A,-,TP | 1 | S.A | |
| D501 | 0402-000254 | DIODE-RECTIFIER | RGP10J,600V,1A,DO-41,TP | 1 | S.A | |
| D502 | 0402-001105 | DIODE-RECTIFIER | ERB43-04SV1,400V,1A,TS-1 | 1 | S.A | |
| D503 | 0402-001105 | DIODE-RECTIFIER | ERB43-04SV1,400V,1A,TS-1 | 1 | S.A | |
| D504 | 0402-001105 | DIODE-RECTIFIER | ERB43-04SV1,400V,1A,TS-1 | 1 | S.A | |
| D603 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| ⚠ D801S | 0402-001111 | DIODE-RECTIFIER | 1N5397GP,600V,1.5A,-,TP | 1 | S.A | |
| ⚠ D802S | 0402-001111 | DIODE-RECTIFIER | 1N5397GP,600V,1.5A,-,TP | 1 | S.A | |
| D803 | 0401-000006 | DIODE-SWITCHING | BAV21,250V,200mA,DO-35,T | 1 | S.A | |
| ⚠ D803S | 0402-001111 | DIODE-RECTIFIER | 1N5397GP,600V,1.5A,-,TP | 1 | S.A | |
| D804 | 0401-000006 | DIODE-SWITCHING | BAV21,250V,200mA,DO-35,T | 1 | S.A | |
| ⚠ D804S | 0402-001111 | DIODE-RECTIFIER | 1N5397GP,600V,1.5A,-,TP | 1 | S.A | |
| D805 | 0402-001603 | DIODE-RECTIFIER | MUR480E,800V,4A,DO-201AD | 1 | S.A | |
| D807 | 0402-001604 | DIODE-RECTIFIER | MUR420,200V,4A,DO-201AD, | 1 | S.A | |
| D808 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D809 | 0402-000132 | DIODE-RECTIFIER | 1N4004,400V,1A,DO-41,TP | 1 | S.A | |
| D810 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D811 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D812 | 0402-001105 | DIODE-RECTIFIER | ERB43-04SV1,400V,1A,TS-1 | 1 | S.A | |
| D813 | 0402-000493 | DIODE-RECTIFIER | 1R5GU41,400V,1.5A,DO-15L | 1 | S.A | |
| D814 | 0402-000132 | DIODE-RECTIFIER | 1N4004,400V,1A,DO-41,TP | 1 | S.A | |
| DZ101 | 0403-000700 | DIODE-ZENER | TZP33A,5%,1000mW,DO-41,TP | 1 | S.A | |
| DZ201 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ202 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ203 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ204 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ205 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ206 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ208 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ210 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ211 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ212 | 0403-001373 | DIODE-ZENER | MTZJ5.1A,4.85-5.03V,500mW,DO | 1 | S.A | |
| DZ213 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ214 | 0403-001373 | DIODE-ZENER | MTZJ5.1A,4.85-5.03V,500mW,DO | 1 | S.A | |
| DZ215 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ216 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ217 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ301 | 0403-001328 | DIODE-ZENER | MTZJ22A,20.15-21.2V,500mW,DO | 1 | S.A | |
| DZ302 | 0403-001328 | DIODE-ZENER | MTZJ22A,20.15-21.2V,500mW,DO | 1 | S.A | |

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| DZ303 | 0403-000700 | DIODE-ZENER | TZP33A,5%,1000mW,DO-41,TP | 1 | S.A | |
| DZ304 | 0403-001328 | DIODE-ZENER | MTZJ22A,20.15-21.2V,500mW,DO | 1 | S.A | |
| DZ305 | 0403-001221 | DIODE-ZENER | UZ39BSB,35.36-37.19V,500mW,D | 1 | S.A | |
| DZ306 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ307 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ401 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ402 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ501 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ502 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ503 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ504 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ601 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ602 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ602A | 0403-000508 | DIODE-ZENER | MTZJ5.6B,5.45-5.73V,500mW,DO | 1 | S.A | |
| DZ801 | 0403-001140 | DIODE-ZENER | RD10ESAB-T4,9.7-10.2V,400mW, | 1 | S.A | |
| DZ802 | 0403-001318 | DIODE-ZENER | MTZJ4.3B,4.17-4.43V,500mW,DO | 1 | S.A | |
| DZ803 | 0403-000699 | DIODE-ZENER | TZP27B,27-30.8V,1000mW,DO-41 | 1 | S.A | |
| DZ804 | 0403-001316 | DIODE-ZENER | MTZJ3.0A,2.85-3.07V,500mW,DO | 1 | S.A | |
| DZ805 | 0403-001327 | DIODE-ZENER | MTZJ18A,16.22-17.06V,500mW,D | 1 | S.A | |
| DZ806 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ807 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ808 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ810 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| EL301 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL302 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL401 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL402 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL801 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL802 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EY401 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY402 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY403 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY404 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY405 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY406 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY407 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY408 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY409 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY410 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY411 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY412 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY413 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY414 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY416 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY417 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY419 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY420 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY421 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY422 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY423 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY424 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY425 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY801 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY802 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY803 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY804 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY805 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY806 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY807 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY808 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY809 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY810 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY811 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY812 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY813 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY814 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY815 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY816 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY817 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY818 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY819 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY820 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY821 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY822 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY827 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY830 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY833 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| F101 | 2901-000297 | FILTER-EMI ON BOARD | -,3A,-,3.5x5mm,TP,- | 1 | S.A | |
| F101 | 2901-000297 | FILTER-EMI ON BOARD | -,3A,-,3.5x5mm,TP,- | 1 | S.A | |
| F101 | 2901-000297 | FILTER-EMI ON BOARD | -,3A,-,3.5x5mm,TP,- | 1 | S.A | |
| F801A | 3602-000114 | FUSE-HOLDER | -,-,30mohm | 1 | S.A | |
| F801B | 3602-000114 | FUSE-HOLDER | -,-,30mohm | 1 | S.A | |
| ⚠ FD801S | 3601-001228 | FUSE-AXIAL LEAD | 125V,10A,FAST-ACTING,EPO | 1 | S.A | |
| FD802 | 3601-000281 | FUSE-CARTRIDGE | 250V,4A,TIME-LAG,GLASS,5. | 1 | S.A | |
| GT101 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| GT501 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| GT804 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| GT805 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| H/S | 0502-001255 | TR-POWER | ST2001HI(028Y),NPN,55000mW,-,ST | 1 | S.A | |
| H/S | AA61-01390A | BRACKET | CT-29A20HR,SECC,T1.0 | 1 | S.N.A | |
| IC012 | 1203-001217 | IC-POSI.ADJUST REG. | 431,TO-92,3P,4.58MIL | 1 | S.A | |
| IC062 | 1203-003507 | IC-MULTI REG. | GM7632,SIP,10P,25x15x4,PLA | 1 | S.A | |
| IC101 | 1204-000506 | IC-IF DETECTOR | LA7510,SIP,9P,-,PLASTIC,1 | 1 | S.A | |
| IC106 | 1001-001279 | IC-VIDEO SWITCH | NJM2533,BIPOLAR,DIP,8P,3 | 1 | S.A | |
| IC112 | 1103-001209 | IC-EEPROM | 24C04,512x8,DIP,8P,10.16x7.11m | 1 | S.A | |
| ⚠ IC201S | AA09-00490A | IC MICOM OTP | TDA9377PS/N3/A-OTP,OTP,64P, | 1 | S.N.A | |
| IC301 | AA96-00244M | ASSY HEAT SINK P | LA78040N,S,AA64-00046 | 1 | S.N.A | |
| IC501 | AA96-50311A | ASSY HEAT SINK P | -,VIDEO,AA62-30175D,TDA | 1 | S.N.A | |
| IC601 | AA96-50398E | ASSY HEAT SINK P | AA62-30182E,TDA7297SA,S | 1 | S.N.A | |
| IC602 | 1203-000515 | IC-VOL. DETECTOR | 7042,TO-92,3P,177MIL,PL | 1 | S.A | |
| ⚠ IC801S | AA96-00242F | ASSY HEAT SINK P | AA62-30186J,1203-002916 | 1 | S.N.A | |
| IC802 | AA96-02910B | ASSY HEAT SINK P | AA62-00146A,SCREW,GM763 | 1 | S.N.A | |
| ICS601 | 1204-001662 | IC-AUDIO PROCESSOR | MSP3425G-B8,DIP,52P,5 | 1 | S.A | |
| J118 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| JA333 | 3722-001333 | JACK-PIN | 9P,NI,BLK,ANGLE | 1 | S.A | |
| JA333 | 3722-001596 | JACK-PIN | 3P/9P,NI,BLK(GRN/BLU/RED),ANGLE | 1 | S.A | |
| L102 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L103 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L201 | 2701-000163 | INDUCTOR-AXIAL | 27UH,10%,3070 | 1 | S.A | |
| L202 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L203 | 2701-000299 | INDUCTOR-AXIAL | 13uH,10%,2534 | 1 | S.A | |
| L204 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L205 | 2701-000177 | INDUCTOR-AXIAL | 33UH,10%,2534 | 1 | S.A | |
| L206 | 2701-000177 | INDUCTOR-AXIAL | 33UH,10%,2534 | 1 | S.A | |
| L230 | 2701-000159 | INDUCTOR-AXIAL | 22UH,10%,4298 | 1 | S.A | |
| L2514 | 3301-000287 | BEAD-AXIAL | ,3.5x1.0x6.0mm,3000mA,TP,,,50 | 1 | S.N.A | |
| L2514 | 3301-001223 | BEAD-AXIAL | 62ohm,3.5x0.8x5mm,TP,-,- | 1 | S.A | |
| L2514 | 3301-001223 | BEAD-AXIAL | 62ohm,3.5x0.8x5mm,TP,-,- | 1 | S.A | |
| L2514 | 3301-001223 | BEAD-AXIAL | 62ohm,3.5x0.8x5mm,TP,-,- | 1 | S.A | |
| L2514 | 3301-001223 | BEAD-AXIAL | 62ohm,3.5x0.8x5mm,TP,-,- | 1 | S.A | |
| L2514 | 3301-001223 | BEAD-AXIAL | 62ohm,3.5x0.8x5mm,TP,-,- | 1 | S.A | |
| L301 | 2701-000142 | INDUCTOR-AXIAL | 1UH,10%,2534 | 1 | S.A | |
| L302 | 2701-000142 | INDUCTOR-AXIAL | 1UH,10%,2534 | 1 | S.A | |
| L303 | 2701-001034 | INDUCTOR-AXIAL | 22UH,10%,4514 | 1 | S.A | |
| L304 | 2701-001034 | INDUCTOR-AXIAL | 22UH,10%,4514 | 1 | S.A | |
| L307 | 2701-000178 | INDUCTOR-AXIAL | 33UH,10%,3070 | 1 | S.A | |
| L404 | 2701-000142 | INDUCTOR-AXIAL | 1UH,10%,2534 | 1 | S.A | |
| L501 | 2702-001094 | INDUCTOR-RADIAL | 10uH,10%,4x6mm | 1 | S.A | |
| L601 | 2701-000169 | INDUCTOR-AXIAL | 3.9UH,10%,2534 | 1 | S.A | |
| L602 | 2701-000169 | INDUCTOR-AXIAL | 3.9UH,10%,2534 | 1 | S.A | |
| L603 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L702 | 2701-000158 | INDUCTOR-AXIAL | 22UH,10%,2534 | 1 | S.A | |
| L707 | 2701-000127 | INDUCTOR-AXIAL | 15UH,10%,2534 | 1 | S.A | |
| L801 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L804 | 2701-001030 | INDUCTOR-AXIAL | 43UH,10%,4514 | 1 | S.A | |
| L810 | 2701-000002 | INDUCTOR-AXIAL | 100UH,10%,4298 | 1 | S.A | |
| LD201 | AA96-00555A | ASSY LED GUIDE | -,-,UEX-LD-030,GREEN | 1 | S.N.A | |
| ⚠ LX801S | AA29-00015A | FILTER LINE NOISE | WS32W8,28-20MH 1.5A,+- | 1 | S.A | |
| M0014 | AA97-16821A | ASSY AUTO-MAIN | CL21M40MQGXGSU,MI,KS9C | 1 | S.N.A | |
| M0018 | AA97-16768A | ASSY MICOM | T- RAYNUS -1700,KS9C,RAY,NTSC | 1 | S.A | |
| M0081 | 6003-000333 | SCREW-TAPTITE | RH,+,-,2S,M3,L10,ZPC(WHT), | 1 | S.N.A | |
| M0081 | 6003-000335 | SCREW-TAPTITE | RH,+,-,2S,M3,L8,ZPC(WHT),S | 1 | S.N.A | |
| M0081 | 6003-000333 | SCREW-TAPTITE | RH,+,-,2S,M3,L10,ZPC(WHT), | 1 | S.N.A | |
| M0081 | 6003-000334 | SCREW-TAPTITE | RH,+,-,2S,M3,L6,ZPC(WHT),S | 1 | S.N.A | |
| M0081 | 6003-000333 | SCREW-TAPTITE | RH,+,-,2S,M3,L10,ZPC(WHT), | 1 | S.N.A | |
| M0081 | 6003-000334 | SCREW-TAPTITE | RH,+,-,2S,M3,L6,ZPC(WHT),S | 1 | S.N.A | |
| P803T | 1404-001264 | THERMISTOR-PTC | 4.5OHM,+30/-20%,220V,290V | 1 | S.A | |
| ⚠ PC801S | 0604-001032 | PHOTO-COUPLER | TR,170-260%,300mW,DIP-4,ST | 1 | S.A | |
| ⚠ PD801S | AA60-40012G | PIN-GT | 3P,2.36PI,10/5mm,NYLON66,LOCKING | 1 | S.N.A | |
| Q201 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| Q202 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q203 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| Q204 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q208 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| Q211 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| Q401 | AA96-02906A | ASSY HEAT SINK P | AA62-00145A,SCREW,ST200 | 1 | S.N.A | |
| Q402 | 0501-000369 | TR-SMALL SIGNAL | KSC2331-Y,NPN,1000mW,TO- | 1 | S.A | |
| Q601 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q701 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q702 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| Q802 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q803 | 0501-000369 | TR-SMALL SIGNAL | KSC2331-Y,NPN,1000mW,TO- | 1 | S.A | |
| Q804 | 0502-001007 | TR-POWER | KSC2073-H2,NPN,25W,TO-220,ST,6 | 1 | S.A | |
| R101 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| R102 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| R107 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R108 | 2001-000947 | R-CARBON | 7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R109 | 2001-000786 | R-CARBON | 47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R110 | 2001-000924 | R-CARBON | 680OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R202 | 2001-000689 | R-CARBON | 390KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R202A | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R203 | 2001-000857 | R-CARBON | 560OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R203A | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R205 | 2001-000397 | R-CARBON | 180KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R206 | 2001-000010 | R-CARBON | 68KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R207 | 2001-000005 | R-CARBON | 390ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R208 | 2001-000591 | R-CARBON | 3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R211 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R212 | 2001-000554 | R-CARBON | 270OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R214 | 2001-000490 | R-CARBON | 200OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R218 | 2001-000008 | R-CARBON | 15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R219 | 2004-001914 | R-METAL | 39Kohm,2%,1/8W,AA,TP,1.8x3.5mm | 1 | S.A | |
| R220A | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R222 | 2001-000947 | R-CARBON | 7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R224 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R227 | 2001-000739 | R-CARBON | 4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R228 | 2001-000739 | R-CARBON | 4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R233 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R234 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R235 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R236 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R236A | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R237 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R238 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R239 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R240 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R241 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R242 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R243 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R244 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R245 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R246 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R246A | 2001-000793 | R-CARBON | 47OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R247 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R247A | 2001-001035 | R-CARBON | 91OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R248 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R248A | 2001-000343 | R-CARBON | 130OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R249 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R250 | 2001-000924 | R-CARBON | 680OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R251 | 2001-000793 | R-CARBON | 47OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R252 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R253 | 2001-000472 | R-CARBON | 2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R254 | 2001-000005 | R-CARBON | 390ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R255 | 2001-000005 | R-CARBON | 390ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R256 | 2001-000472 | R-CARBON | 2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R256A | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R257 | 2001-000472 | R-CARBON | 2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R258 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R259 | 2001-000472 | R-CARBON | 2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R261 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R262 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R263 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R264 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R288 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R291 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R293 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R301 | 2001-000016 | R-CARBON(S) | 1OHM,5%,1/2W,AA,TP,2.4X6.4MM | 1 | S.A | |
| R302 | 2008-001076 | R-FUSIBLE(S) | 1.8ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |
| R303 | 2008-000290 | R-FUSIBLE(S) | 2.4ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |
| R304 | 2008-000252 | R-FUSIBLE(S) | 0.47ohm,10%,1/2W,AF,TP,2.5x | 1 | S.A | |
| R305 | 2008-000252 | R-FUSIBLE(S) | 0.47ohm,10%,1/2W,AF,TP,2.5x | 1 | S.A | |

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| R306 | 2001-001050 | R-CARBON(S) | 1.5KOHM,5%,1/2W,AA,TP,2.4X6. | 1 | S.A | |
| R307 | 2004-001371 | R-METAL(S) | 1.5Kohm,1%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R315 | 2003-002009 | R-METAL OXIDE(S) | 390ohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R316 | 2003-002009 | R-METAL OXIDE(S) | 390ohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R402 | 2003-002178 | R-METAL OXIDE(S) | 1Kohm,5%,2W,AG,TP,3.9x1 | 1 | S.A | |
| R403 | 2003-002151 | R-METAL OXIDE | 18KOHM,5%,2W,AG,TP,6X16MM | 1 | S.A | |
| R405 | 2001-001116 | R-CARBON(S) | 27OHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| R407 | 2003-001040 | R-METAL OXIDE(S) | 47Kohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R409 | 2001-000022 | R-CARBON(S) | 33OHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| R411 | 2001-001114 | R-CARBON(S) | 270OHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R414 | 2001-001078 | R-CARBON(S) | 15KOHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R420 | 2008-000264 | R-FUSIBLE(S) | 1ohm,5%,1W,AF,TP,3.9x10mm | 1 | S.A | |
| R421 | 2008-000266 | R-FUSIBLE(S) | 1ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |
| R423 | 2004-001407 | R-METAL(S) | 82.5Kohm,1%,1/2W,AA,TP,2.4x6. | 1 | S.A | |
| R424 | 2004-001402 | R-METAL(S) | 6.8Kohm,1%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R501H | 2002-001008 | R-COMPOSITION | 1.8Kohm,10%,1/2W,AA,TP,3.7 | 1 | S.A | |
| R502H | 2002-001008 | R-COMPOSITION | 1.8Kohm,10%,1/2W,AA,TP,3.7 | 1 | S.A | |
| R503 | 2002-001008 | R-COMPOSITION | 1.8Kohm,10%,1/2W,AA,TP,3.7 | 1 | S.A | |
| R504 | 2001-001062 | R-CARBON(S) | 10MOHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R505 | 2008-001138 | R-FUSIBLE | 2.4OHM,5%,1W,AF,TP,3.9X10MM | 1 | S.A | |
| R510 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R511 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R512 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R601 | 2001-000780 | R-CARBON | 470OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R602 | 2001-000780 | R-CARBON | 470OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R603 | 2001-000780 | R-CARBON | 470OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R604 | 2001-000780 | R-CARBON | 470OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R605 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R606 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R607 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R608 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R609 | 2001-000613 | R-CARBON | 3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R610 | 2001-000613 | R-CARBON | 3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R611 | 2001-000613 | R-CARBON | 3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R613 | 2001-000613 | R-CARBON | 3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R615 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R617 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R618 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R621 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R622 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R623 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R703 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R704 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R705A | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R706A | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R707 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R707A | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R709A | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R710 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R712A | 2001-000273 | R-CARBON | 100KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R713 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R713A | 2001-000273 | R-CARBON | 100KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R714A | 2001-000786 | R-CARBON | 47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R716 | 2001-000522 | R-CARBON | 22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R717 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R718 | 2001-000515 | R-CARBON | 220OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R719 | 2001-000554 | R-CARBON | 270OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R720 | 2001-000258 | R-CARBON | 1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R801 | 2003-000994 | R-METAL OXIDE(S) | 33Kohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R804 | 2003-000994 | R-METAL OXIDE(S) | 33Kohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R805 | 2001-001170 | R-CARBON(S) | 6.8OHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R807 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R808 | 2001-000109 | R-CARBON(S) | 470OHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R809 | 2001-001150 | R-CARBON(S) | 470KOHM,5%,1/2W,AA,TP,2.4X6. | 1 | S.A | |
| R810 | 2001-001150 | R-CARBON(S) | 470KOHM,5%,1/2W,AA,TP,2.4X6. | 1 | S.A | |
| R814 | 2001-001105 | R-CARBON(S) | 20OHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| R816 | 2001-001105 | R-CARBON(S) | 20OHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| R817 | 2004-001377 | R-METAL(S) | 120Kohm,1%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R818 | 2001-001154 | R-CARBON(S) | 5.1KOHM,5%,1/2W,AA,TP,2.4X6. | 1 | S.A | |
| R819 | 2001-001088 | R-CARBON(S) | 1KOHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| R820 | 2001-001088 | R-CARBON(S) | 1KOHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| R821 | 2001-001131 | R-CARBON(S) | 33KOHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R822 | 2004-001983 | R-METAL(S) | 2.49Kohm,1%,1/2W,AA,TP,2.4x6. | 1 | S.A | |
| R823 | 2001-000037 | R-CARBON(S) | 330OHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R824 | 2008-001033 | R-FUSIBLE(S) | 10ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |
| R825 | 2008-000264 | R-FUSIBLE(S) | 1ohm,5%,1W,AF,TP,3.9x10mm | 1 | S.A | |
| R827 | 2003-002009 | R-METAL OXIDE(S) | 390ohm,5%,2W,AF,TP,3.9x | 1 | S.A | |

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| R828 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R829 | 2001-000563 | R-CARBON | 27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R830 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R831 | 2001-001197 | R-CARBON(S) | 910OHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R832 | 2001-001088 | R-CARBON(S) | 1KOHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| R833 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R834 | 2003-001040 | R-METAL OXIDE(S) | 47Kohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R835 | 2003-001040 | R-METAL OXIDE(S) | 47Kohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R836 | 2001-001093 | R-CARBON(S) | 2.2KOHM,5%,1/2W,AA,TP,2.4X6. | 1 | S.A | |
| R837 | 2003-001040 | R-METAL OXIDE(S) | 47Kohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R840 | 2001-001108 | R-CARBON(S) | 22KOHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| R842 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| R843 | 2001-000019 | R-CARBON(S) | 10OHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| R850 | 2001-001170 | R-CARBON(S) | 6.8OHM,5%,1/2W,AA,TP,2.4X6.4 | 1 | S.A | |
| ⚠ RL801S | 3501-001053 | RELAY-POWER | 5Vdc,530mW,10000mA,1FormA,15 | 1 | S.A | |
| RM201 | AA32-00014A | Module Remocon | BOX,-,- | 1 | S.A | |
| ⚠ RR401S | 2001-001088 | R-CARBON(S) | 1KOHM,5%,1/2W,AA,TP,2.4X6.4M | 1 | S.A | |
| RW03 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 | S.A | |
| ⚠ RY801S | 2002-001012 | R-COMPOSITION | 8.2Mohm,5%,1/2W,AA,TP,3.7x | 1 | S.A | |
| ⚠ SF101S | 2904-001107 | FILTER-SAW AV | 45.75MHz,SIP5K,TP,12.6dB,N | 1 | S.A | |
| ⚠ SF102S | 2904-001255 | FILTER-SAW AV | 45.75MHz,SIP5K,ST,12.2dB,M | 1 | S.A | |
| T0010 | AA27-00296A | COIL CHOKE | 220UH,CPTTV,220UH,10%,3A,DR14 | 1 | S.A | |
| T0066 | AA62-30171J | HEAT SINK-ES | -,-,-,SILVER,-,DREAM1,-,-,- | 1 | S.N.A | |
| T0066 | AA62-30182E | HEAT SINK-ES | -,A6063 EXTR,-,WHT,-,-,-,40 | 1 | S.N.A | |
| T0074 | 1201-001159 | IC-VIDEO AMP | 6107,ZSIP,9P,-,SINGLE,-,PLA | 1 | S.A | |
| T0077 | AA41-01209C | PCB MAIN | 21K40,FR-1,245x245,KS9C,1A,MAIN | 1 | S.N.A | |
| T0085 | 1201-002118 | IC-AUDIO AMP | TDA7297SA,ZIP,15P,-,DUAL,32 | 1 | S.A | |
| T0086 | 1203-002916 | IC-PWM CONTROLLER | KA5Q0765RTH-YDTU,TO-22 | 1 | S.A | |
| T0088 | 1204-002121 | IC-VERTICAL DEF. | LA78040N,TO220,7P,-,PLA | 1 | S.A | |
| T0098 | AA62-00145A | HEAT SINK | KS9A,A1050,T1.0,23,50,WHITE,PS | 1 | S.N.A | |
| T0105 | AA60-30001A | WASHER-PLATE | M3,ID3.5,15X8.5,T1.0,SBHG | 1 | S.N.A | |
| T0175 | AA62-00046A | HEAT SINK-PS | -,-,T1.0,-,D1(DREAM) 60X25X | 1 | S.N.A | |
| T0175 | AA62-30175D | HEAT SINK-PS | -,SECC,T1.0,-,33X15X30 FT-2 | 1 | S.N.A | |
| T0175 | AA62-00146A | HEAT SINK-PS | FULLMONTY,SPC-1,T1.0,35,30, | 1 | S.N.A | |
| T0245 | 0202-001366 | SOLDER-WIRE FLUX | -,RS60S,D1.2,63Sn/37Pb, | 0.001 | S.N.A | |
| T0245 | 0202-001492 | SOLDER-WIRE FLUX | HSE-02 LFM48 SR-34 S,-, | 0.025 | S.N.A | |
| T0245 | AA39-20620C | LEAD CONNECTOR-ASSY | ,9P,500MM,YBNH250-09 | 1 | S.A | |
| T0296 | AA27-30003L | COIL LINEARITY | -,73uH,DR12x15,0.55mm,-,B | 1 | S.A | |
| T0313 | 3404-000295 | SWITCH-TACT | 12VDC,50mA,160gf,8.4X22.7,SP | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0900 | 1404-001045 | THERMISTOR-NTC | 4.7ohm,4.565A,2900K,-,-,- | 1 | S.A | |
| T401 | AA26-50001B | TRANS-H.DRIVE | -,-,-,7.1mH,-,-,102uH,-,- | 1 | S.A | |
| T444 | AA26-00201A | TRANS FBT | FCA173B,KS1A-1,3.8mH,FERRITE,1 | 1 | S.A | |
| ⚠ T801S | AA26-00043B | TRANS SWITCHING | -,CS21S5T,-,80~280V,PM2, | 1 | S.A | |
| ⚠ V999S | 3704-001105 | SOCKET-CRT | 11P,20PI,26.5PI,NI,- | 1 | S.A | |
| ⚠ VX802S | 1405-000152 | VARISTOR | 560V,2500A,14x8.5mm,TP | 1 | S.A | |
| X201 | 2801-004033 | CRYSTAL-UNIT | 12MHz,30ppm,28-AAM,30pF,30o | 1 | S.A | |
| X601 | 2801-004379 | CRYSTAL-UNIT | 18.432MHz,30ppm,28-AAM,8pF, | 1 | S.A | |
| Z201 | 2903-000129 | FILTER-CERAMIC | BR,4.5MHz,-,-,-,TP,- | 1 | S.A | |

## ASSY CPT-SDI

| | | | | | | |
|---|---|---|---|---|---|---|
| | AA91-10569A | ASSY CPT-SDI | AK A51QDX993X(A),0Mg,Non-Na | 1 | S.N.A | |
| T0063 | AA03-00497A | CRT COLOR | A51QDX993X(MA),0mG,BARE,36.0,5 | 1 | S.A | |
| ⚠ T0079 | AA27-00002A | MAGNET CONVERGENCE | JH291-11D,29.1MM | 1 | S.A | |
| T0078 | AA27-00324A | DEFLECTION YOKE | ,DIF-2192AA(A),S/T,A51QD | 1 | S.A | |
| ⚠ T0089 | AA27-00384A | COIL DEGAUSSING | 2.50mH,35Ts,4.5ohm,22,F | 1 | S.A | |
| T0299 | AA63-60028A | SPACER-DY | -,NEOPRENE,-,-,-,BLK,-,-,V0 W1 | 4 | S.N.A | |
| T0527 | AA65-00009B | CLAMPER CORE-D,COIL | 21A8,NYLON 66,V0,-,- | 4 | S.A | |
| T0603 | AA98-70014D | ASSY TBC WIRE P | TVI,22,NTSC,PAL,1P,UL101 | 1 | S.N.A | |

## ASSY FIXING

| | | | | | | |
|---|---|---|---|---|---|---|
| T0892 | AA91-10605A | ASSY FIXING | CL21M40MQGXXAP,KS9C,MI | 1 | S.N.A | |
| T0016 | AA65-30009A | CLAMPER CORE-FBT | -,ABS,V0,-,BLK,- | 1 | S.N.A | |
| T0527 | AA65-30018A | CLAMPER CORE-WIRE | DONG-A,NYLON-66,-,-,- | 2 | S.N.A | |
| T0527 | AA65-30111A | CLAMPER CORE-WIRE | ALL MODEL,NYLON,V0,WHT | 1 | S.N.A | |
| ⚠ T0066 | AA96-20112A | ASSY POWER CORD | -,EP2/NO,H/C300,KJ10,THA | 1 | S.A | |
| T0061 | 3811-001609 | WIRE-PVC CU | BCWA,300V,ROLL,-,#22,BLK | 0.15 | S.N.A | |
| T0268 | AA39-10006K | CBF-POWER CORD | -,KJ-10,SPT-2 2/18AWG,240 | 1 | S.A | |

| Loc.No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| T0010 | AA61-20284A | HOLDER | P-CORD,PP,-,-,-,BLK,VO,KE-002 | 1 | S.N.A | |

## ASSY BOX

| | | | | | | |
|---|---|---|---|---|---|---|
| M0003 | AA92-11812H | ASSY BOX | CL21M40MQGNXAP | 1 | S.N.A | |
| T0130 | AA69-03589A | BOX-00,SET | 21M40,DW-3,YEL,A1,W685,D565,H | 1.01 | S.N.A | |

## ASSY P/MATERIAL

| | | | | | | |
|---|---|---|---|---|---|---|
| M0113 | AA92-11813A | ASSY P/MATERIAL | 21M40 | 1 | S.N.A | |
| T0376 | 6902-000001 | BAG AIR | LDPE,T0.2,L1800,W1000,TRP,,,LDPE | 0.008 | S.N.A | |
| T0524 | 6902-000005 | BAG PE | HDPE/NITRON/HDPE,T0.015/T0.5/T0.0 | 1 | S.N.A | |
| T0376 | 6902-000061 | BAG AIR | LDPE,T0.2,L1000,W500,TRP,,, | 0.03 | S.N.A | |
| T0214 | AA60-40006A | PIN-STAPLE | AUTO,33X17.8X2.4,H18,33X17.8X | 6 | S.N.A | |

## ASSY ACCESSORY

| | | | | | | |
|---|---|---|---|---|---|---|
| M0045 | AA92-11838E | ASSY ACCESSORY | CL21M40MQGXXAP,MI,KS9C | 1 | S.N.A | |
| M0045 | AA96-04373E | ASSY ACCESSORY | CL21M40MQGXXAP,MI,KS9C | 1 | S.N.A | |
| T0251 | 3721-000136 | PLUG-CONVERSION | 2P,4.0mm,N,NI | 1 | S.A | |
| T0524 | 6902-000009 | BAG PE | HDPE,T0.03,L400,W240,TRP,8,2,PE M | 1 | S.N.A | |
| T0074 | AA59-00385A | REMOCON | TIMECOP,TM85,39,INTERACE,NTSC,NO | 1 | S.A | |
| T0210 | AA68-03242F | MANUAL FLYER-01,SAFETY GUIDE | All Model,S | 1 | S.N.A | |
| | AA68-03727A | MANUAL FLYER-01,WARRANTY CARD | All,SAMSUN | 1 | S.N.A | |
| M0148 | AA68-03810C | MANUAL USERS-05 | Comm,Samsung,Spanish,Mex | 1 | S.N.A | |

## ASSY COVER FRONT

| | | | | | | |
|---|---|---|---|---|---|---|
| M0001 | AA90-05602H | ASSY COVER FRONT | CL21M40MQGNXAP | 1 | S.N.A | |
| M0081 | 6003-001026 | SCREW-TAPTITE | RH,+,B,M4,L15,ZPC(BLK),SWR | 7 | S.A | |
| M0081 | 6003-001026 | SCREW-TAPTITE | RH,+,B,M4,L15,ZPC(BLK),SWR | 2 | S.A | |
| M0081 | 6003-001268 | SCREW-TAPTITE | TH,+,-,B,M4,L12,ZPC(WHT),S | 1 | S.N.A | |
| T0238 | AA60-10050V | BOLT-HEX | -,SWRCH18A,M6,L30,HH,+,WC,-,Z | 4 | S.N.A | |
| T0003 | AA96-04356A | ASSY COVER P-FRONT | 21M40,HIPS,HB,GR503,B | 1 | S.A | |
| M0081 | 6003-001019 | SCREW-TAPTITE | RH,+,-,B,M4,L12,ZPC(BLK),S | 1 | S.A | |
| M0081 | 6003-001019 | SCREW-TAPTITE | RH,+,-,B,M4,L12,ZPC(BLK),S | 8 | S.A | |
| M0081 | 6003-001019 | SCREW-TAPTITE | RH,+,-,B,M4,L12,ZPC(BLK),S | 1 | S.A | |
| T0069 | AA60-00091G | SPACER-FELT | -,FELT,200X10,-,-,BLK,T0.5,- | 2 | S.N.A | |
| T0069 | AA60-00091R | SPACER-FELT | ,FELT,250X10,,,BLK,T0.5,, | 1 | S.N.A | |
| T0607 | AA61-40113A | STOPPER-PCB | 501H,HIPS,-,-,HB,NTR,- | 1 | S.N.A | |
| CIS7 | AA61-60003J | SPRING ETC-CS | -,SUS304,-,-,OD6,N7,OD6,-, | 1 | S.N.A | |
| M0112 | AA63-01506A | COVER-FRONT | 21M40(SAMEX),HIPS,T2.5,HB,GR | 1 | S.N.A | |
| T0022 | AA64-04400A | KNOB CONTROL | 29M40(SAMEX),ABS,HB,SVM3012 | 1 | S.N.A | |
| | AA64-04401A | WINDOW-RMC LED | 29M40(SAMEX),PC,CLEAR | 1 | S.N.A | |
| T0023 | AA64-04402A | KNOB POWER | 21M40(SAMEX),ABS,HB,SVM3012 | 1 | S.N.A | |
| T0057 | AA64-70123A | BADGE-BRAND | NEW,AL,L50,FLAT,SILVER,SAMSU | 1 | S.N.A | |
| T0527 | AA65-00011C | CLAMPER CORE-WIRE | ALL MODEL,NYLON 66,V2, | 1 | S.N.A | |
| T0527 | AA65-30105A | CLAMPER CORE-WIRE | ALL MODEL,NYLON 66,V2, | 1 | S.N.A | |
| T0175 | AA96-00358E | ASSY SPEAKER P | -,8ohm,5W,3001-000274,400 | 1 | S.A | |
| T0082 | 3001-000274 | SPEAKER | 5W,8OHM,90DB,160HZ | 2 | S.A | |
| T0245 | AA39-00102S | LEAD CONNECTOR-ASSY | ,4P,400,600MM,35155- | 1 | S.A | |
| T0382 | BP61-00509C | HOLDER-CARE | PJT,ACRYL-FOAM,T0.25,W20.0mm | 0.28 | S.N.A | |
| T0382 | BP61-00495C | HOLDER-CARE | PJT,ACRYL-FOAM,T0.25,W30.0mm | 0.2 | S.N.A | |

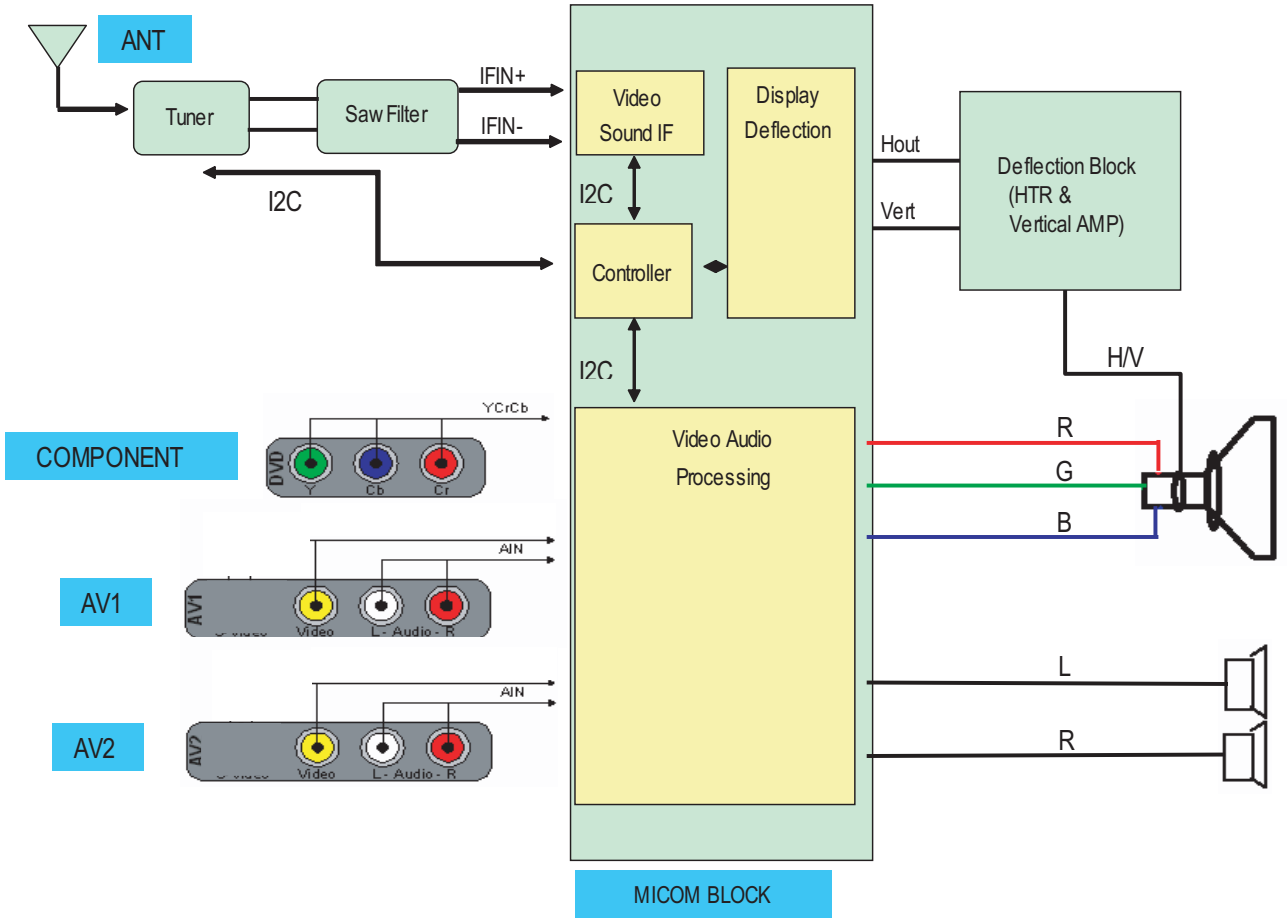
## ASSY COVER REAR

| | | | | | | |
|---|---|---|---|---|---|---|
| M0002 | AA90-05603A | ASSY COVER REAR | CL21M40MQGXXAX | 1 | S.N.A | |
| T0069 | AA60-00091J | SPACER-FELT | -,FELT,330X10,-,-,BLK,T0.5,- | 3 | S.N.A | |
| M0006 | AA63-01507A | COVER-REAR | 21M40(SAMEX),HIPS,T2.3,HB,BK5 | 1 | S.N.A | |
| T0578 | AA64-03660Z | INLAY AV | 21Z30(NT),PS,T0.3,BLK,SHEET,K16 | 1 | S.N.A | |
| T0066 | AA64-03974K | INLAY-BACK | K16A(XAZ),PS,SHEET,T0.3,BLK,R | 1 | S.N.A | |
| T0522 | AA65-30008A | CLAMPER CORE-CORD | -,PE,HB,-,BLK,- | 1 | S.N.A | |

# MEMO

# 13. Circuit Description

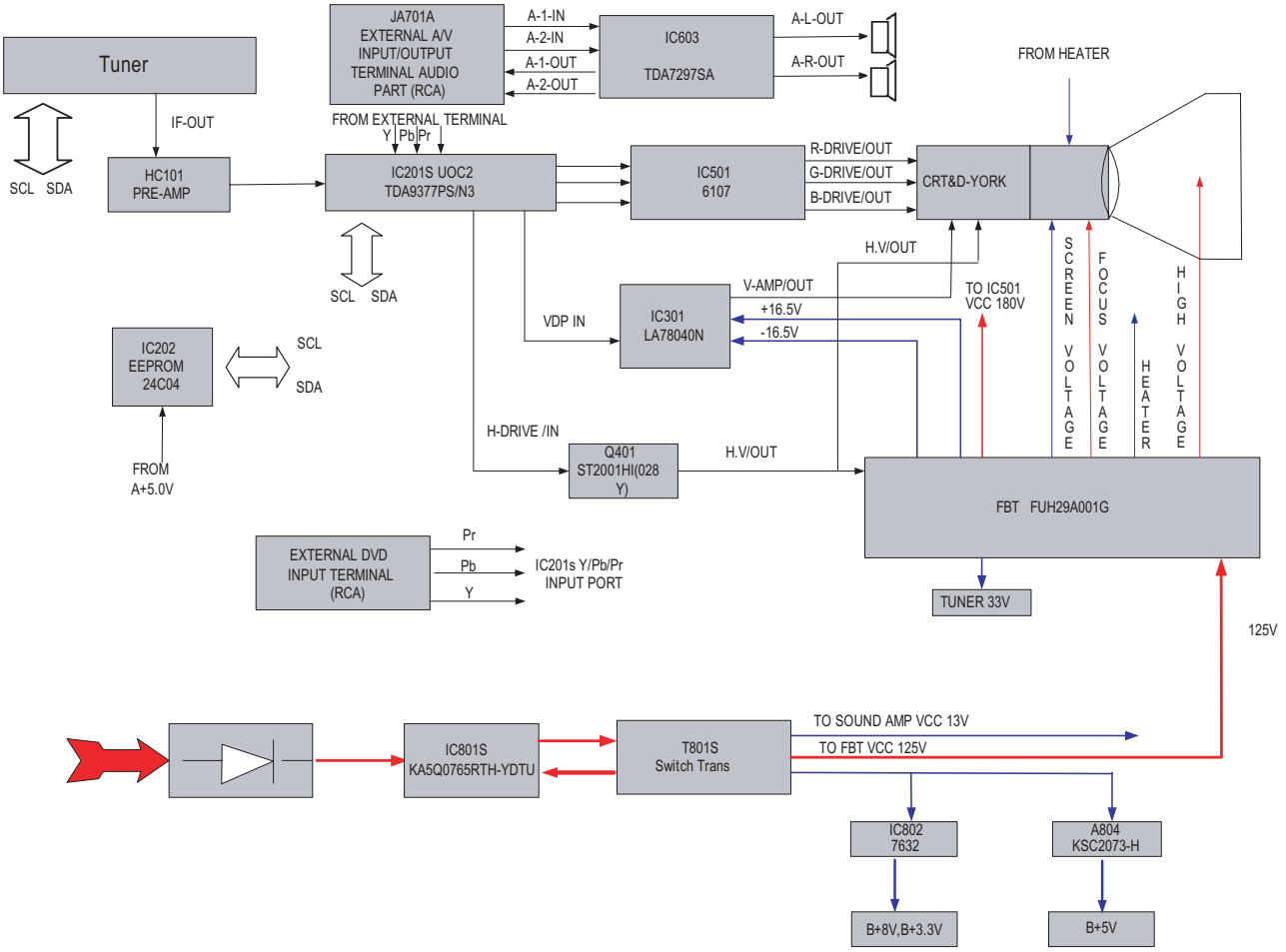
## 13-1 Overall Block Description




* This chassis is a classic direct view type TV, the Ass'y is different function parts are in one PCB.
* The Power Block is same as the existing model KS9A.
* The AV signal is input through the AV port and Side AV port of the System Block.
* The signals were processed by MICOM, then output.
* This chassis's MICOM is same as KS9A, it use UOC CHIP.
* The external port be consists of AV input and output,each of them has three channels,Audio are White and Red, Video is Yellow Video(Yellow).

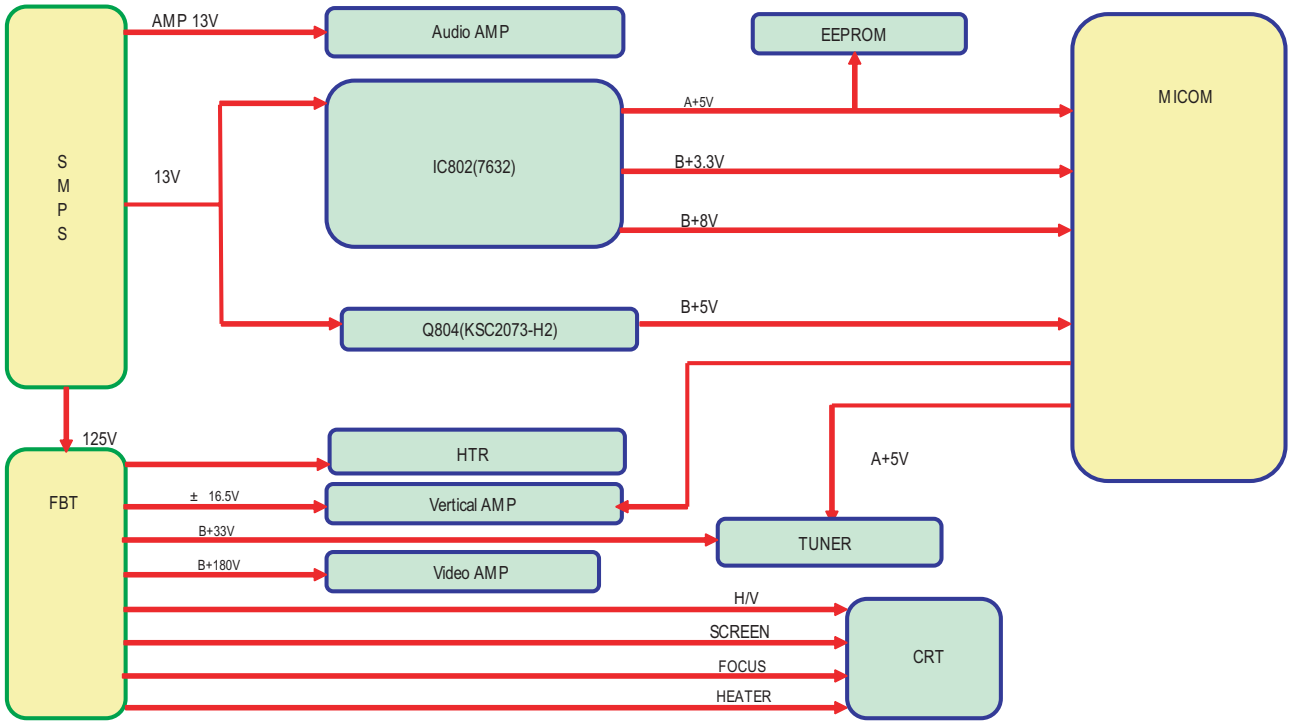
# 13-2 Partial Block Description

## 13-2-1 System Board Block Description




* UOC TDA9377PS/N3/A.It contains the entire IF, audio, video, display and deflection processing for 4:3 and 16:9 50/60Hz mono and stereo TV sets. The integrated microcontroller is supported by a powerful OSD generator with integrated Teletext and CC acquisition
* ST2001HI: Inputed H-DRIVE signal which comes from TDA9377PS/N3/A.It amplify the H-DRIVE then output to Deflection Yoke.
* LA78045: Inputed VDP signal which comes from TDA9377PS/N3/A.It amplify the VDP then output to Deflection Yoke.
* TDA7297SA:It is a dual channel audio amplifier.The two audio signals L and R input to it and are amplified, then output to speaker.
* 6107:It includes three video output amplifiers and is intended to drive the three cathodes of a color CRT directly. The output R,G,B signals will connect to the CRT socket pins directly.
* EEPROM: As a extended ROM of TVT. It contains some data which is used to program executing.
* KA5Q0765RTH:SMPS control HIC. Provide switching signal in order to control the trans working.
* TDQ-6F/13F2S(TUNER):Receives the RF signal and output a fixed IF to Micom.
* Micom Block consists of five aspects as: Video & Sound IF Processor, Video Processor, Display and Deflection Processor and Controller, OSD,Text Processing.
* TUNER-F/S;TDQ-6F/13F2S(tuner) : RF signal processing , Output IF signal

## 13-2-2 Power Block



## 13-2-3 IC Line Up

■ Main Board

| Items | Descriptions | Remarks |
|---|---|---|
| MICOM | TDA9377PS/N3/A,T-FMTNUS | |
| Tuner | TDA9377PS/N3/A | |
| Trans Switching | TRANS SWITCHING;,CS21S5T,80~280V,PM2,PL3 | |
| SMPS | KA5Q0765RTH-YDTU | |
| Vertical DEF. | LA78040N | |
| Horizontal DEF. | ST2001HI(028Y) | |
| SOUND AMP | TDA7297SA, SGS-TOMSON | 10W+10W |
| EEPROM | 24C161,SAMSUNG | |
| VIDEO AMP | TDA6109JF, Philips | |
| Regulator | IC-MULTI REG.;7632,SIP,10P,-,PLASTIC,3.3 | A+5V,B+3.3V,B+8V Regulator |